

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>C Number:</b>	C56520
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	10/15/1990

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038022

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-21			
Stomach	Forestomach	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 424
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A85034322

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver	Hepatocellular Adenoma
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[ Hepatocellular Adenoma TGLS = 3-21 ]

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pentachloroanisole

**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 07:39:08

**First Dose M/F:** NA / NA

**Lab:** SRI

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-23 ]			
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038024

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 5-6,6-6			
Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 7-2 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 8-4-1			
Tooth		Dysplasia	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
[ Nephropathy TGLS = 3-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038026

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-21 ]		
Nose		Inflammation	Suppurative, Mild
Skin		Hemangioma	
Tooth		Dysplasia	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038027

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Intestine Small	Jejunum	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 1-21 ]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Cyst	Minimal
Stomach	Glandular	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-22 ]			
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038028

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Harderian Gland		Adenoma	
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-2-1			
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038029

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 1-21-1,2-22		
Note: HEPATOCLR CARC	TGLs = 1-21		
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 717
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038030

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-21 ]		
Nose		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN   TGLs = 6-21			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
Nose	Mucosa	Atrophy	Moderate
		Exudate	Serous, Marked
Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Subacute, Mild
[ Cyst TGLS = 1-8,2-8 ]			
[ Inflammation TGLS = 1-8,2-8 ]			
Testes		Atrophy	Minimal
Note: ATROPHY        TGLs = 4-7.2			
Tooth		Dysplasia	Marked

**PRIMARY CAUSE OF DEATH**       -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 12

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 712

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038032

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Adenoma	
Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Necrosis	Marked
Note: HEPATOCLR CARC TGLs = 6-22 [ Hemangiosarcoma TGLS = 6-22 ]			
Lung	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Cyst	Moderate
Note: CYST TGLs = 2-8			
Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038033

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	Multiple
	Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-2 ]	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-21,1-2 ]	
	[ Infiltration Cellular TGLS = 2-2 ]	
Nose	Inflammation	Suppurative, Mild
Tooth	Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038034

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

---

**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Mixed Cell Focus	
Note: MIXED CL FOCUS TGLs = 2-6-2			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038035

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
Liver		Clear Cell Focus	
Note: [ CLEAR CL FOCUS ] TGLs = 2-21			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Parathyroid Gland		Cyst	Marked
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 599
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038036

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Minimal
[ Hepatocellular Carcinoma TGLS = 3-21 ]			
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 4-4-1 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038037

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Mixed Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038038

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Angiectasis TGLS = 2-22.1 ]			
[ Hepatocellular Adenoma TGLS = 1-21 ]			
Pituitary Gland	Pars Distalis	Cyst	Mild
Preputial Gland	Duct	Cyst	Marked
Note: CYST	TGLs = 3-8,4-8		
Tooth		Dysplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038039

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver	Hepatocellular Adenoma	
	Mixed Cell Focus	Multiple
Note: MIXED CELL FOCUS ON SLIDES 6 AND 22 [ Hepatocellular Adenoma TGLS = 1-21 ] [ Mixed Cell Focus TGLS = 2-22 ]		
Lung	Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2 ]	
Tooth	Dysplasia	Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038040

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Kidney	Pancreas	Parathyroid Gland
Pituitary Gland	Nose	Salivary Glands	Seminal Vesicle
Skin	Prostate	Stomach - Forestomach	Stomach - Glandular
Testes	Spleen	Thyroid Gland	Trachea
Urinary Bladder	Thymus		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Adenoma	
Gallbladder			
Note: GALLBLADDER ON SLIDE 22			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: [ BASOPH FOCUS ] TGLs = 4-22			
[ Eosinophilic Focus TGLS = 3-21 ]			
Tooth		Dysplasia	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038041

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Stomach	Forestomach	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-4,2-4-1 ]			
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038042

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 3-21 ]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-5			
Pancreas	Acinar Cell	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1+2-6			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038043

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
[ Eosinophilic Focus TGLS = 2-21,3-22 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038044

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland Note: ADENOMA TGLs = 4-10	Capsule, Spindle Cell	Adenoma	
Liver Note: [ HEPATOCLR ADEN ] TGLs = 7-6		Hepatocellular Adenoma	
Mesentery [ Necrosis TGLS = 1-21 ]	Fat	Necrosis	Mild
Pancreas	Acinar Cell	Atrophy	Minimal
Stomach	Forestomach	Hyperplasia	Mild
Thymus Note: THYMOMA BGN TGLs = 6-2		Thymoma Benign	
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038045

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Bone Marrow		Hemangiosarcoma	
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 4-22,5-23		
Note: FOCI ON SLIDE 22			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 3-5		
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMANGIOSARC	TGLs = 2-21		
Note: HEMA CELL PROL	TGLs = 1-5,1-21		
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Foreign Body	Mild
		Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 691
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038046

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Multiple Histiocyte, Moderate
Note: INFILTRAT CELL TGLs = 2-2,3-2,4-2 [ Alveolar/Bronchiolar Carcinoma TGLS = 5-2 ]			
Pancreas	Acinar Cell	Atrophy	Mild
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038047

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Pituitary Gland  
Skin  
Testes  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Nose  
Prostate  
Spleen  
Thymus

Bone  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Pancreas  
Salivary Glands  
Stomach - Forestomach  
Thyroid Gland

Bone Marrow  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Glandular  
Trachea

**MISSING**

Mammary Gland

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell Cortex	Hyperplasia Hypertrophy Eosinophilic Focus Mixed Cell Focus	Mild Focal, Mild
Liver			
[ Eosinophilic Focus TGLS = 5-22 ] [ Mixed Cell Focus TGLS = 4-21 ]			
Lung	Alveolar Epith	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
[ Hyperplasia TGLS = 3-2.1 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA ON SLIDE 4-1			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 617
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038049

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Clear Cell Focus	
		Mixed Cell Focus	Multiple
Note: [ MIXED CL FOCUS ]	TGLs = 4-21		
Lung	Alveolar Epith	Hyperplasia	Minimal
Preputial Gland	Duct	Cyst	Marked
Note: CYST	TGLs = 1-8		
Tooth		Dysplasia	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038050

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney	Cortex	Cyst	Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 4-21,6			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 3-5 ]			
Preputial Gland		Inflammation	Subacute, Mild
Note: INFLAMMATION TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4,4-1			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 691
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038051

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-21 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 4-4.1 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 617
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038052

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-21 ]			
Parathyroid Gland		Cyst	Moderate
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038053

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney	Cortex	Cyst	Minimal
Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-22 ]			
Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2 ]		Infiltration Cellular	Histiocyte, Mild
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas	Acinar Cell	Atrophy	Minimal
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038054

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Gallbladder	Mammary Gland	Thymus
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**OBSERVATIONS**

Liver	Hepatocellular Adenoma	
	Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-22 ]		
Lung	Alveolar/Bronchiolar Carcinoma	
Skin	Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-21 ]		
Tooth	Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038055

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hypertrophy	Focal, Minimal
[ Adenoma TGLS = 3-22 ]			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-23			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 1-21			
Note: ALV BRON CARC TGLs = 1-21			
Pituitary Gland	Pars Distalis	Cyst	Minimal
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 2-8-1 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038056

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Lymph Node - Mandibular	Mammary Gland
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**OBSERVATIONS**

Kidney	Nephropathy	Minimal
Tooth	Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 675
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038057

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Thyroid Gland	C Cell	Carcinoma
	Follicular Cel	Carcinoma
[ Carcinoma TGLS = 1-3 ]		
[ Carcinoma TGLS = 1-3 ]		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038058

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
		[ Hepatocellular Carcinoma TGLS = 1-21 ]	
Lung		Alveolar/Bronchiolar Adenoma	
Preputial Gland	Duct	Cyst	Moderate
		[ Cyst TGLS = 2-8 ]	
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038059

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney		Nephropathy	Minimal
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038060

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Mild

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038061

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-21 ]		
Lung		Infiltration Cellular	Histiocyte, Moderate
	Note: INFILTRAT CELL TGLs = 6-2		
	Note: WAS NEGATIVE		
	Note: NEOPLASIA. TUMOR NOT PRESENT ON RECUTS AND WET TISSUE CHECK		
	Note: HISTIOCYTIC INFILTRATE IN LUNG COMMONLY ASSOCIATED WITH		
Pancreas	Acinar Cell	Atrophy	Minimal
Preputial Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Moderate
	[ Cyst TGLS = 5-8 ]		
	[ Inflammation TGLS = 5-8 ]		
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 529
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 589
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038063

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Adenoma	
Kidney		Nephropathy	Minimal
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038064

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Penis	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 8-23 ]			
Lung	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 5-22,6-22 ]			
Stomach	Forestomach	Hyperplasia	Mild
[ Hyperplasia TGLS = 9-4-1 ]			
Tooth		Dysplasia	Marked
[ Dysplasia TGLS = 7-9 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038065

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8,2-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038066

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Liver		Fibrosis Hemangiosarcoma Hepatocellular Adenoma Hepatocellular Carcinoma Lymphoma Malignant Histiocytic	Minimal
<p>Note: HEPATOCLR CARC TGLs = 10-24          Note: FIBROSIS TGLs = 11-25,14-28          [ Fibrosis TGLS = 13-27 ]          [ Hepatocellular Carcinoma TGLS = 12-26 ]</p>			
Lung		Hepatocellular Carcinoma Lymphoma Malignant Histiocytic	Metastatic (Liver)
<p>Note: HEPATOCLR CARC TGLs = 7-2</p>			
Lymph Node	Iliac Mandibular Mediastinal Mesenteric Renal	Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic	
<p>[ Lymphoma Malignant Histiocytic TGLS = 5-5 ]          [ Lymphoma Malignant Histiocytic TGLS = 6-2 ]</p>			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 701
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038066

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant Histiocytic TGLS = 8-22 ]			
[ Lymphoma Malignant Histiocytic TGLS = 9-23 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Histiocytic	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
[ Lymphoma Malignant Histiocytic TGLS = 3-6,4-21 ]			
Stomach	Forestomach Forestomach	Hyperplasia Lymphoma Malignant Histiocytic	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 491

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038067

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Lymph Node - Mandibular	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Histiocytic	
		Necrosis	Mild
Note: LYMPH MAL HIST TGLs = 7-6			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 8-5			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 2-8,3-8 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
		Hemorrhage	Marked
		Lymphoma Malignant Histiocytic	
[ Hemorrhage TGLS = 5-22 ]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 491

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038067

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 9

**DOSE:** VEHICLE CONTROL

**DISP:** Accidentally Killed

**HISTO:** A84032971

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Prostate  
Spleen  
Thymus

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Nose  
Salivary Glands  
Stomach - Forestomach  
Thyroid Gland

Bone  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Pancreas  
Seminal Vesicle  
Stomach - Glandular  
Trachea

Bone Marrow  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Parathyroid Gland  
Skin  
Testes  
Urinary Bladder

**MISSING**

Mammary Gland

Pituitary Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 708
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038068

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Kidney	Cortex	Cyst	Minimal
		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	Multiple
Note: [ HEPATOCLR CARC ] TGLs = 3-21+22			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 705
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038069

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-21 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Stomach	Forestomach	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-4-1 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038114

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Moderate
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Carcinoma TGLS = 2-21 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 3-4-1			
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 72

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038115

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Hypertrophy	Moderate
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER	TGLs = 2-6		
Note: MIXED CL FOCUS	TGLs = 5-23		
Note: HEPATOCLR ADEN	TGLs = 3-21		
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC	TGLs = 6-2-1,6-2-2		
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 73

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038116

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Liver		Clear Cell Focus	Multiple
		Cytologic Alterations	Moderate
	Biliar Tract	Fibrosis	Mild
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ CLEAR CL FOCUS ] TGLs = 3-6			
[ Hepatocellular Adenoma TGLS = 2-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4,5-4-1			
Tooth		Dysplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 73

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038116

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 74

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038117

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Hepatocellular Adenoma TGLS = 3-22 ]		
	[ Mixed Cell Focus TGLS = 2-6,4-23 ]		
Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-2 ]		
Stomach	Forestomach	Hyperplasia	Minimal
	Note: HYPERPLASIA ON SLIDE 4-1		
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 75

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038118

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
	[ Cytologic Alterations TGLS = 3-21,3-21-1 ]		
	[ Hepatocellular Carcinoma TGLS = 4-22 ]		
Lung		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver)
Pancreas	Acinar Cell	Atrophy	Marked
	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 2-7			
[ Atrophy TGLS = 2-7 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-4-1			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 76

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Mixed Cell Focus	Multiple
		Pigmentation	Moderate
Note: [ HEPATOCLR ADEN ] TGLs = 2-21,3-22,4-23			
Note: CYTOLOGC ALTER TGLs = 5-6			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC TGLs = 6-2-1.1			
Note: ALV BRON ADEN TGLs = 7-2			
Stomach	Forestomach	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 77                      **TRT#:** 7                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 40 MG/KG                      **DISP:** Terminal Sacrifice                      **HISTO:** A86038120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Intestine Small	Jejunum	Adenocarcinoma	
Note: ADENOCARC    TGLs = 3-22			
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: MIXED CL FOCUS    TGLs = 6-6			
Note: CYTOLOGC ALTER    TGLs = 5-6			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD    TGLs = 4-23			
[ Lymphoma Malignant Mixed TGLS = 2-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 77

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038120

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA TGLs = 7-4,7-4-1

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 550
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038121

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Mild
Intestine Large	Colon	Inflammation	Suppurative, Marked
	Rectum	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-4			
Note: INFLAMMATION TGLs = 2-4			
Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 79

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 548

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Mild
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			
Liver	Biliar Tract	Cytologic Alterations	Mild
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 6-2,6-22 ]			
[ Lymphoma Malignant Mixed TGLS = 5-21,5-5 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8-1 ]			
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-6 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 79

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 548

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038122

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: TGL 7 ABDOMINAL FLUID SMEAR IS LYMPHOMA MALIGNANT

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 80

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038123

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	Minimal
	Capsule, Spindle Cell	Adenoma	
	Medulla	Hyperplasia	Minimal
	Medulla	Hypertrophy	Moderate
Kidney	Renal Tubule	Carcinoma	
[ Carcinoma TGLS = 2-21 ]			
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCLR ADEN ] TGLs = 5-22			
[ Cytologic Alterations TGLS = 4-6 ]			
Preputial Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Mild
[ Cyst TGLS = 1-8 ]			
[ Inflammation TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 80

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038123

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 81

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038124

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Epididymis		Granuloma Sperm	Moderate
Heart		Inflammation	Subacute, Minimal
Kidney	Cortex	Cyst	Minimal
Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Lymphoma Malignant Mixed	
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Lymphoma Malignant Mixed TGLS = 4-6 ]		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 2-21 ]		
	[ Lymphoma Malignant Mixed TGLS = 5-5 ]		
Pancreas	Acinar Cell	Atrophy	Mild
		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 691
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038124

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst	Marked
Spleen [ Lymphoma Malignant Mixed TGLS = 3-6 ]		Lymphoma Malignant Mixed	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 82

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038125

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 3-22 ]			
[ Mixed Cell Focus TGLS = 4-23,5-6 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 2-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 83

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 610

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Mild
Kidney		Nephropathy	Mild
Liver		Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
	[ Hepatocellular Carcinoma TGLS = 2-21 ]		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
	[ Cyst TGLS = 1-8 ]		
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-4,3-4-1		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 84

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038127

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Clear Cell Focus	Multiple
		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ CLEAR CL FOCUS ] TGLs = 3-6			
Note: CYTOLOGIC ALTER TGLs = 4-22			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC TGLs = 5-2			
Preputial Gland	Duct	Cyst	Moderate
Note: CYST TGLs = 6-8			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-4-1			
Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 84

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038127

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038128

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Liver		Clear Cell Focus	Multiple
		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ CLEAR CL FOCUS ] TGLs = 4-6,6-22 [ Hepatocellular Adenoma TGLS = 5-21 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8,2-8 ]			
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 86

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038129

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Hypertrophy	Moderate
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Mixed Cell Focus TGLS = 3-22 ]			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-21			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-4-1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 87

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A86038130

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Lymph Node - Mandibular	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney	Cortex	Cyst	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Mixed Cell Focus TGLS = 2-6,3-21 ]		
Lymph Node	Mesenteric	Congestion	Moderate
	[ Congestion TGLS = 1-5 ]		
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-4,4-4-1		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 88

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038131

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney	Cortex	Cyst	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCLR ADEN ] TGLs = 4-21,3-6 [ Mixed Cell Focus TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 5-4-1 ]			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 89

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 596

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Adrenal Gland - Medulla	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland			
Note: CORTEX PRESENT ON SLIDE 4			
Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Moderate
	Biliar Tract	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach)
	Mesenteric	Squamous Cell Carcinoma	Metastatic (Stomach)
	[ Squamous Cell Carcinoma TGLS = 8-2 ]		
Mesentery		Squamous Cell Carcinoma	Metastatic (Stomach)
	[ Squamous Cell Carcinoma TGLS = 5-21 ]		
Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach)
	[ Squamous Cell Carcinoma TGLS = 2-7-1 ]		
Pituitary Gland	Pars Distalis	Cyst	Minimal
Seminal Vesicle		Squamous Cell Carcinoma	Metastatic (Stomach)
	[ Squamous Cell Carcinoma TGLS = 4-7 ]		
Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 89

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 596

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038132

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 3-6 ]

Stomach

Forestomach

Squamous Cell Carcinoma

Glandular

Squamous Cell Carcinoma

[ Squamous Cell Carcinoma TGLS = 7-4 ]

[ Squamous Cell Carcinoma TGLS = 6-4 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 90

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 611

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
Brain		Hemorrhage	Mild
		Necrosis	Mild
Note: NECROSIS TGLs = 9-1 [ Necrosis TGLS = 9-1 ]			
Kidney		Histiocytic Sarcoma	
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Histiocytic Sarcoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HISTIO SARC TGLs = 3-6.1			
Lung		Hemorrhage	Marked
		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 7-2			
Note: HEMORRHAGE TGLs = 7-2			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 611
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038133

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Preputial Gland Note: CYST      TGLs = 1-8	Duct	Cyst	Moderate
Spleen Note: HEMA CELL PROL      TGLs = 2-6		Hematopoietic Cell Proliferation	Moderate
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH      -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 91

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038134

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Hypertrophy	Mild
Liver		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Mixed Cell Focus TGLS = 2-21,3-22 ]		
Lung	Alveolar Epith	Hyperplasia	Mild
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 92	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038135

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell Medulla	Adenoma Hypertrophy	Mild
Liver	Biliar Tract	Cytologic Alterations Hyperplasia Inflammation Mixed Cell Focus Pigmentation	Marked Mild Subacute, Mild Multiple Moderate
[ Mixed Cell Focus TGLS = 2-22 ]	Kupffer Cell		
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 93

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Liver		Clear Cell Focus	
		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ CLEAR CL FOCUS ] TGLs = 5-21 [ Cytologic Alterations TGLS = 3-6 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8,2-8 ]			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-4,6-4-1			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 94

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038137

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Mild
Liver		Cytologic Alterations	Marked
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 3-22 [ Cytologic Alterations TGLS = 4-22 ] [ Mixed Cell Focus TGLS = 2-22,2-6 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Pentachloroanisole  
CAS Number: 1825-21-4

Date Report Requested: 10/22/2014  
Time Report Requested: 07:39:09  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 95                      TRT#: 7                      SEX: Male                      DAY ON TEST: 612  
DOSE: 40 MG/KG                      DISP: Moribund Sacrifice                      HISTO: A86038138

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Mild
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCLR CARC ]	TGLs = 6-22+23		
	[ Cytologic Alterations TGLS = 4-6 ]		
	[ Hemangiosarcoma TGLS = 7-24 ]		
Skeletal Muscle		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 2-21 ]		
Spleen		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 3-6 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 96

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038139

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Islets, Pancreatic	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
		[ Cytologic Alterations TGLS = 2-6 ]	
		[ Pigmentation TGLS = 3-21 ]	
Preputial Gland	Duct	Cyst	Marked
Note: CYST			
TGLs = 1-8			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA			
TGLs = 4-4,4-4-1			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038140

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Hypertrophy	Moderate
Harderian Gland		Adenoma	
Liver		Cytologic Alterations	Marked
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate

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[ Cytologic Alterations TGLS = 4-23,5-6,6-6 ]

[ Hepatocellular Carcinoma TGLS = 2-21,3-22 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038141

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Hypertrophy	Mild
Bone Marrow		Hemangiosarcoma	
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
	[ Hemangiosarcoma TGLS = 2-6,5-23 ]		
	[ Hepatocellular Adenoma TGLS = 3-21,4-22 ]		
Preputial Gland	Duct	Cyst	Marked
Note: CYST	TGLs = 6-8		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 705
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038142

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 5-6 ]			
[ Hemangiosarcoma TGLS = 4-6 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-6 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 100

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038143

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone		Hypertrophy	Mild
Note: HYPERTROPHY TGLs = 3-21			
Liver		Cytologic Alterations	Marked
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCLR CARC ] TGLs = 5-22			
[ Cytologic Alterations TGLS = 4-6 ]			
[ Hyperplasia TGLS = 7-24 ]			
[ Inflammation TGLS = 6-23 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 100

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038143

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen

Hematopoietic Cell Proliferation

Moderate

[ Hematopoietic Cell Proliferation TGLS = 2-6 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 101

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Hypertrophy	Moderate
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Lymphoma Malignant Mixed	
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR CARC	TGLs = 6-22		
Note: LYMPH MAL MIXD	TGLs = 5-6		
Note: CYTOLOGC ALTER	TGLs = 5-6,7-23		
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver)
Note: ALV BRON ADEN	TGLs = 4-2-1		
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 101	<b>TRT#:</b> 7 <b>DOSE:</b> 40 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 705 <b>HISTO:</b> A86038144
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LYMPH MAL MIXD TGLs = 3-21

Pituitary Gland	Pars Distalis	Cyst	Minimal
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-6 ]			
Thymus		Lymphoma Malignant Mixed	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 102

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038145

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Jejunum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Hypertrophy	Moderate
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
	Biliar Tract	Dilatation	Mild
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 2-21,2-6 ]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
Note: INFILTRAT CELL TGLs = 3-2			
Note: ALV BRON CARC TGLs = 4-2			
Lymph Node	Mesenteric	Angiectasis	Mild
[ Angiectasis TGLS = 1-5 ]			
Pituitary Gland	Pars Distalis	Cyst	Minimal
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4,5-4-1			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 102

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038145

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 103

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 467

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Kidney	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Intestine Small	Ileum	Lymphoma Malignant Mixed	
	Jejunum	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 7-22 ]		
Liver		Cytologic Alterations	Mild
		Lymphoma Malignant Mixed	
	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 11-25		
Note: LYMPH MAL MIXD	TGLs = 5-21		
Note: LYMPH MAL MIXD	TGLs = 10-24		
Pancreas		Lymphoma Malignant Mixed	
Note: LYMPHOMA IS ON SLIDE 21			
Spleen		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 2-6 ]		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 9-23		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 103

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 467

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038146

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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Animal Note: TGL 6-THORACIC SMEAR CONTAINS A FEW NEOPLASTIC LYMPHOCYTES

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 104      **TRT#:** 7      **SEX:** Male      **DAY ON TEST:** 677  
**DOSE:** 40 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** A86038147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Minimal
Kidney		Nephropathy	Mild
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR CARC TGLs = 5-21,7-23 [ Mixed Cell Focus TGLS = 8-24 ]			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Thrombosis	Minimal
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 105

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038148

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Mild
Ear		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-21 ]			
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGIC ALTER TGLs = 7-6			
[ Cytologic Alterations TGLS = 8-24,9-25 ]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2,5-2-1 ]			
Pancreas	Duct	Dilatation	Marked
[ Dilatation TGLS = 4-22 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 2-8,3-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 105

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038148

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Tooth

Dysplasia

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 106

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 596

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038149

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Mild
Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver	Biliar Tract	Cytologic Alterations	Mild
	Kupffer Cell	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
		Pigmentation	Moderate
Note: CYTOLOGIC ALTER TGLs = 2-6			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Hyperplasia	Minimal
Tooth		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 3-9			
Note: TOOTH CHRONIC INFLAMMATION WITH FRACTURE OF TOOTH			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 107

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
	Biliar Tract	Dilatation	Minimal
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGIC ALTER TGLs = 2-6			
Note: MIXED CL FOCUS TGLs = 7-24			
[ Cytologic Alterations TGLs = 7-24 ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 5-22 ]			
Skeletal Muscle		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-21,6-23 ]			
Tissue NOS	Mediastinum	Fibrosarcoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 108

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038151

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
	Medulla	Hypertrophy	Moderate
Kidney	Cortex	Cyst	Minimal
	Renal Tubule	Hyperplasia	Minimal
Liver		Cytologic Alterations	Marked
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCLR ADEN ] TGLs = 4-22,5-23,8-25,3-21			
[ Cytologic Alterations TGLS = 2-6 ]			
[ Hyperplasia TGLS = 6-24,8-25 ]			
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 9-4			
Tooth		Dysplasia	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 108

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038151

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 109

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Mild
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: ALSO INCLUDED IS TGL 10-27 FOR HEMANGIOSARC			
Note: HEMANGIOSARC TGLs = 4-21,5-22,6-23,7-24,8-25,9-26			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 110

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 599

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Duodenum  
Lymph Node - Mandibular  
Prostate  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Salivary Glands  
Testes

Bone  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Seminal Vesicle  
Thyroid Gland

Bone Marrow  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Pituitary Gland  
Skin  
Trachea

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney  
Liver

Biliar Tract

Kupffer Cell

[ Cytologic Alterations TGLS = 7-6 ]

[ Lymphoma Malignant Mixed TGLS = 6-24 ]

Lung  
Lymph Node

Mesenteric  
Renal

[ Lymphoma Malignant Mixed TGLS = 4-22 ]

[ Lymphoma Malignant Mixed TGLS = 2-21 ]

Mesentery  
Pancreas  
Spleen

[ Lymphoma Malignant Mixed TGLS = 1-6 ]

Stomach Forestomach

Note: HYPERPLASIA TGLs = 8-4-1

Lymphoma Malignant Mixed  
Cytologic Alterations  
Hyperplasia  
Inflammation  
Lymphoma Malignant Mixed  
Pigmentation

Lymphoma Malignant Mixed  
Lymphoma Malignant Mixed  
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed  
Lymphoma Malignant Mixed  
Lymphoma Malignant Mixed

Hyperplasia

Mild  
Mild  
Subacute, Mild

Mild

Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 110	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 599
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038153

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus [ Lymphoma Malignant Mixed TGLS = 5-23 ]	Lymphoma Malignant Mixed	
Tooth	Dysplasia	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 111	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038154

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Lymphoma Malignant Mixed	
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 2-6,3-6 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Lymphoma Malignant Mixed	
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4-1			
Thymus		Lymphoma Malignant Mixed	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 111

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038154

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: LESIONS IN LIVER,SPLEEN,THYMUS AND KIDNEY BELIEVED TO BE

Animal Note: EARLY MALIGNANT LYMPHOMA

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 112

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038155

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
		Adenoma	
Harderian Gland			
Note: ADENOMA	TGLs = 6-24		
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: MIXED CELL FOCI PRESENT ON SLIDES 6 AND 23.			
[ Cytologic Alterations TGLS = 3-6 ]			
[ Pigmentation TGLS = 4-23 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Pentachloroanisole  
CAS Number: 1825-21-4

Date Report Requested: 10/22/2014  
Time Report Requested: 07:39:09  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 113

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86038156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
	Biliar Tract	Hemangiosarcoma	Multiple
		Hyperplasia	Mild
	Kupffer Cell	Inflammation	Subacute, Mild
		Pigmentation	Moderate
Note: HEMANGIOSARC	TGLs = 5-21,6-22,7-23,8-24,11-26		
Note: CYTOLOGIC ALTER	TGLs = 4-6,9-6,10-25		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Preputial Gland	Duct	Cyst	Marked
Note: CYST	TGLs = 1-8		
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 2-6		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 114	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038157

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Mild
Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 1-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 4-4-1			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 115

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell Medulla	Hyperplasia Hypertrophy	Mild Mild
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia Inflammation	Mild Subacute, Mild
	Kupffer Cell	Mixed Cell Focus Pigmentation	Multiple Moderate
Note: MIXED CL FOCUS TGLs = 3-6 [ Cytologic Alterations TGLS = 3-6 ]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-5 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 116

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038159

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: MIXED CL FOCUS TGLs = 3-21 [ Mixed Cell Focus TGLS = 3-21,4-6 ]			
Preputial Gland	Duct	Cyst	Marked
Note: CYST TGLs = 1-8			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 117

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Moderate
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: HEMANGIOSARC TGLs = 2-22,4-23 [ Cytologic Alterations TGLS = 3-24 ] [ Mixed Cell Focus TGLS = 3-24 ]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 5-5			
Pancreas	Acinar Cell	Atrophy	Minimal
Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-21 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 6-25			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 117

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038160

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 118

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 698

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038161

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Ileum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
	[ Cytologic Alterations TGLS = 5-6 ]		
	[ Inflammation TGLS = 8-23,9-24 ]		
	[ Pigmentation TGLS = 6-21,7-22,9-24 ]		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Pancreas	Duct	Dilatation	Minimal
Preputial Gland	Duct	Cyst	Marked
	[ Cyst TGLS = 1-8 ]		
Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]		
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 118

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 698

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038161

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 119

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Hypertrophy	Moderate
Kidney		Nephropathy	Moderate
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
		[ Cytologic Alterations TGLS = 4-6 ]	
		[ Pigmentation TGLS = 5-21 ]	
Preputial Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Mild
		[ Cyst TGLS = 1-8 ]	
Spleen		Hematopoietic Cell Proliferation	Moderate
		[ Hematopoietic Cell Proliferation TGLS = 2-6 ]	
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 6-4,6-4-1		
Tooth		Dysplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 119

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038162

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 120

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 596

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038163

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Basophilic Focus	
		Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 3-21 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8.1 ]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 141

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
 Stomach - Forestomach

Lymph Node - Mandibular  
 Stomach - Glandular

Lymph Node - Mesenteric  
 Thyroid Gland

Pituitary Gland

**OBSERVATIONS**

Adrenal Gland

Medulla  
 Medulla

Hyperplasia  
 Pheochromocytoma Benign  
 Inflammation  
 Nephropathy

Mild

Kidney

Note: INFLAMMATION TGLs = 4-5,5-5  
 Note: NEPHROPATHY TGLs = 4-5,5-5

Subacute, Marked  
 Moderate

Liver

Cytologic Alterations  
 Hepatocellular Adenoma  
 Hepatocellular Carcinoma

Moderate

Biliar Tract

Hyperplasia  
 Inflammation  
 Pigmentation

Minimal  
 Subacute, Moderate  
 Moderate

Kupffer Cell

Note: HEPATOCLR CARC TGLs = 6-21  
 Note: CARCINOMA ARISING FROM ADENOMA.

Lung

Note: ALV BRON ADEN TGLs = 7-2

Alveolar/Bronchiolar Adenoma

Nose

Foreign Body  
 Inflammation  
 Inflammation

Mild  
 Suppurative, Mild  
 Subacute, Mild

Seminal Vesicle

Note: INFLAMMATION TGLs = 2-7,3-7

Spleen

Note: HEMA CELL PROL TGLs = 1-6-1

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 142

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 704

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland Note: [ PHEOCHROM BGN ] TGLs = 3-22	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic [ Adenoma TGLS = 2-21 ]		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Pancreas	Acinar Cell	Atrophy	Mild
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 143

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Spleen  
Urinary Bladder

Lymph Node - Mandibular  
Stomach - Forestomach

Lymph Node - Mesenteric  
Stomach - Glandular

Pituitary Gland  
Thyroid Gland

**OBSERVATIONS**

Adrenal Gland  
Liver

Cortex

Hypertrophy  
Cytologic Alterations  
Hepatocellular Adenoma  
Hyperplasia  
Inflammation  
Pigmentation

Focal, Minimal  
Moderate  
Minimal  
Subacute, Mild  
Moderate

Biliar Tract

Kupffer Cell

Note: [ HEPATOCLR ADEN ] TGLs = 3-21  
[ Cytologic Alterations TGLS = 4-6 ]

Nose

Foreign Body  
Inflammation

Mild  
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 144

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Glandular

Nose  
Thyroid Gland

**OBSERVATIONS**

Adrenal Gland

Medulla  
Medulla

Hyperplasia  
Hypertrophy  
Clear Cell Focus  
Cytologic Alterations  
Hepatocellular Adenoma

Minimal  
Mild  
Multiple  
Moderate

Liver

Biliar Tract  
Kupffer Cell

Hyperplasia  
Inflammation  
Pigmentation

Mild  
Subacute, Mild  
Moderate

Note: [ CLEAR CL FOCUS ] TGLs = 3-6,21,22

Note: HEPATOCLR ADEN TGLs = 2-21

Note: CYTOLOGC ALTER TGLs = 4-6

Stomach

Forestomach

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 145	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> A86038210
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex Nose	Adrenal Gland - Medulla Pituitary Gland	Lymph Node - Mandibular Spleen	Lymph Node - Mesenteric Thyroid Gland
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**OBSERVATIONS**

Liver		Cytologic Alterations Hepatocellular Adenoma	Marked
	Biliar Tract	Hyperplasia Inflammation	Mild Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER TGLs = 3-6,3-22 Note: HEPATOCLR ADEN TGLs = 1-21			
Stomach	Forestomach	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 146	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038211

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pituitary Gland
Preputial Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Liver		Cytologic Alterations	Marked
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CARCINOMA ARISING FROM ADENOMA. [ Cytologic Alterations TGLS = 4-6 ] [ Pigmentation TGLS = 3-21 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 5-2.1			
Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 147

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038212

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Thyroid Gland

Adrenal Gland - Medulla  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Bone  
Note: OSTEOSARC TGLs = 4-23  
Liver

Osteosarcoma

Cytologic Alterations  
Hemangiosarcoma  
Hyperplasia  
Inflammation  
Mixed Cell Focus  
Pigmentation

Marked

Biliar Tract

Mild  
Subacute, Mild  
Multiple  
Moderate

Kupffer Cell

Note: MIXED CELL FOCI ON SLIDE 21.  
[ Cytologic Alterations TGLS = 2-22,2-6 ]  
[ Pigmentation TGLS = 1-21 ]

Stomach  
Note: HYPERPLASIA TGLs = 5-4

Forestomach

Hyperplasia

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 148	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> A86038213
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Liver		Cytologic Alterations Hepatocellular Adenoma	Marked
	Biliar Tract	Hyperplasia Inflammation	Mild Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 4-6 ] [ Pigmentation TGLS = 3-21 ]			
Lung Note: HYPERPLASIA TGLs = 2-2	Alveolar Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland Note: CYST TGLs = 1-8	Duct	Cyst	Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 149

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland  
Thyroid Gland

Lymph Node - Mandibular  
Skin

Lymph Node - Mesenteric  
Spleen

Nose  
Stomach - Glandular

**OBSERVATIONS**

Adrenal Gland  
Liver

Medulla

Hyperplasia  
Angiectasis  
Cytologic Alterations

Minimal  
Mild

Biliar Tract

Hyperplasia  
Inflammation  
Pigmentation

Marked  
Minimal  
Subacute, Mild  
Moderate

[ Cytologic Alterations TGLS = 2-6 ]

[ Pigmentation TGLS = 3-6,3-21 ]

Stomach

Forestomach

Hyperplasia

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 150

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland  
Thyroid Gland

Adrenal Gland - Medulla  
Spleen

Lymph Node - Mandibular  
Stomach - Forestomach

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Kidney  
Note: CYST TGLs = 3-21  
Liver

Cortex  
Biliar Tract  
Kupffer Cell

Cyst  
Cytologic Alterations  
Hyperplasia  
Inflammation  
Pigmentation

Minimal  
Marked  
Mild  
Subacute, Mild  
Moderate

[ Cytologic Alterations TGLS = 4-6 ]  
Nose  
Preputial Gland  
Note: CYST TGLs = 1-8,2-8

Duct

Foreign Body  
Cyst

Mild  
Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 151	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038216

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Spleen	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 4-9		
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER	TGLs = 1-6		
Note: HEPATOCLR ADEN	TGLs = 2-21		
Stomach	Forestomach	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 152

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Liver		Basophilic Focus	Multiple
		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
	[ Basophilic Focus TGLS = 7-25,7-6 ]		
	[ Inflammation TGLS = 5-23 ]		
	[ Pigmentation TGLS = 4-22,6-24+6 ]		
Skin		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 1-21 ]		
Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 153

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038218

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Thyroid Gland

Adrenal Gland - Medulla  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Liver

Biliar Tract

Cytologic Alterations

Marked

Hyperplasia

Mild

Inflammation

Subacute, Mild

Kupffer Cell

Pigmentation

Moderate

Lung

Alveolar/Bronchiolar Carcinoma

Infiltration Cellular

Histiocyte, Moderate

Note: INFILTRAT CELL TGLs = 4-2,5-2,6-2

Note: ALV BRON CARC TGLs = 7-2

Preputial Gland

Duct

Cyst

Moderate

Note: CYST TGLs = 1-8

Skin

Subcut Tiss

Hemangioma

Note: HEMANGIOMA TGLs = 2-21

Stomach

Forestomach

Hyperplasia

Minimal

Note: HYPERPLASIA TGLs = 8-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 154	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> A86038219
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pituitary Gland	Spleen	Stomach - Glandular	Thyroid Gland

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hypertrophy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 4-6 ]			
[ Inflammation TGLS = 6-22 ]			
[ Pigmentation TGLS = 5-21 ]			
Preputial Gland	Duct	Cyst	Marked
Note: CYST TGLs = 1-8			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-4-1			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 155

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CARCINOMA ARISING FROM ADENOMA			
[ Inflammation TGLS = 5-21 ]			
[ Pigmentation TGLS = 4-6 ]			
Preputial Gland	Duct	Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	
Skin		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 6-22			
Spleen		Hematopoietic Cell Proliferation	Mild
		[ Hematopoietic Cell Proliferation TGLS = 2-6 ]	
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-4,7-4-1			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 155

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038220

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 156

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038221

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Stomach - Glandular

Adrenal Gland - Medulla  
Pituitary Gland  
Thyroid Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Forestomach

**OBSERVATIONS**

Liver

Clear Cell Focus  
Cytologic Alterations  
Hepatocellular Adenoma  
Hyperplasia  
Inflammation  
Pigmentation

Multiple  
Marked  
Multiple  
Minimal  
Subacute, Mild  
Moderate

Biliar Tract

Kupffer Cell

[ Cytologic Alterations TGLS = 5-6 ]

[ Pigmentation TGLS = 2-21,3-22,4-23 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 157

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038222

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Osteosarcoma	
Gallbladder			
Note: GALLBLADDER ON SLIDE 26			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 6-24			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-23			
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Mild
Note: CARCINOMA ARISING FROM ADENOMA			
Note: HEPATOCLR ADEN TGLs = 7-25,8-26			
[ Hepatocellular Adenoma TGLS = 9-27 ]			
[ Hepatocellular Carcinoma TGLS = 10-28 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 157	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 715 <b>HISTO:</b> A86038222
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Mandibular Pancreatic	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 1-21 ]			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 3-22			
Preputial Gland	Duct	Cyst	Marked
Note: CYST TGLs = 2-8			
Spleen		Lymphoma Malignant Mixed	
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 158

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland Note: [ PHEOCHROM BGN ] TGLs = 2-10	Medulla	Pheochromocytoma Benign	
Liver	Biliar Tract	Cytologic Alterations	Mild
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1,5-2-1 ] [ Infiltration Cellular TGLS = 3-2 ]		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Moderate
Nose		Foreign Body	Mild
Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 159

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
	Biliar Tract	Dilatation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
[ Dilatation TGLS = 5-24 ]			
[ Hyperplasia TGLS = 5-24,5-6 ]			
[ Inflammation TGLS = 4-23+6 ]			
[ Mixed Cell Focus TGLS = 4-23 ]			
[ Pigmentation TGLS = 2-21,3-22 ]			
Pancreas	Acinar Cell	Atrophy	Mild
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 159

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038224

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 160

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038225

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
[ Mixed Cell Focus TGLS = 4-22 ]			
[ Pigmentation TGLS = 3-21 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver)
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 696
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038226

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Mild
		Hemangiosarcoma	Multiple
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
Note: AUTOLYSIS PRECLUDES ACCURATE DIAGNOSIS [ Cytologic Alterations TGLS = 4-21+6,5-22 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 6-2			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 162	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038227

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Nose
Preputial Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 6-9		
Liver		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER	TGLs = 5-6		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 4-5		
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS	TGLs = 3-21		
Pituitary Gland	Pars Distalis	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 163

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 676

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC	TGLs = 11-5		
Liver		Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 6-23 ]			
[ Hepatocellular Carcinoma TGLS = 4-21,5-22,7-24,8-25,9-26 ]			
Pancreas	Acinar Cell	Atrophy	Minimal
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Prostate		Hepatocellular Carcinoma	Metastatic (Liver)
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 10-6		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 164

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 592

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Cortex	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver	Biliar Tract	Cytologic Alterations	Mild
		Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Lymphoma Malignant Histiocytic	
	[ Lymphoma Malignant Histiocytic TGLS = 3-6 ]	Pigmentation	Mild
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Iliac	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
	[ Lymphoma Malignant Histiocytic TGLS = 4-21 ]		
	[ Lymphoma Malignant Histiocytic TGLS = 5-22 ]		
	[ Lymphoma Malignant Histiocytic TGLS = 6-2 ]		
Pancreas		Lymphoma Malignant Histiocytic	
Preputial Gland	Duct	Cyst	Marked
	[ Cyst TGLS = 1-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 164

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 592

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038229

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Prostate

Lymphoma Malignant Histiocytic

[ Lymphoma Malignant Histiocytic TGLS = 2-7 ]

Stomach

Forestomach

Hyperplasia

Minimal

Thymus

Lymphoma Malignant Histiocytic

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 165

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Angiectasis	Mild
		Clear Cell Focus	Multiple
		Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
Note: CARCINOMA ARISING FROM ADENOMA			
[ Clear Cell Focus TGLS = 5-6 ]			
[ Hyperplasia TGLS = 6-21 ]			
[ Inflammation TGLS = 5-6 ]			
[ Pigmentation TGLS = 7-22 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8,2-8 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 8-4,8-4-1			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 165

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038230

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 166

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Glandular

Nose  
Thyroid Gland

**OBSERVATIONS**

Adrenal Gland  
Liver

Medulla

Hyperplasia  
Clear Cell Focus  
Cytologic Alterations  
Hepatocellular Adenoma

Minimal

Moderate

Biliar Tract

Hyperplasia  
Inflammation  
Pigmentation

Mild

Subacute, Mild

Moderate

[ Cytologic Alterations TGLS = 4-21 ]

Lung

Alveolar/Bronchiolar Carcinoma  
Hyperplasia

Mild

Note: ALV BRON CARC TGLs = 3-2

Preputial Gland

Duct

Cyst

Marked

Note: CYST TGLs = 1-8

Stomach

Forestomach

Hyperplasia

Minimal

Note: HYPERPLASIA TGLs = 5-4-1

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 167

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Thyroid Gland

Adrenal Gland - Medulla  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Liver

Biliar Tract

Cytologic Alterations  
Hyperplasia  
Inflammation  
Mixed Cell Focus  
Pigmentation

Marked  
Minimal  
Subacute, Mild

[ Cytologic Alterations TGLS = 1-6 ]

Kupffer Cell

Moderate

Stomach

Forestomach

Hyperplasia

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 168

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 716

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Inflammation TGLS = 6-24 ]			
[ Pigmentation TGLS = 5-6 ]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 7-5 ]			
[ Hyperplasia TGLS = 2-22,3-8 ]			
Preputial Gland		Inflammation	Subacute, Marked
[ Inflammation TGLS = 4-23 ]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 169

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Hyperplasia TGLS = 8-26,9-27 ]			
[ Inflammation TGLS = 4-22,6-24,7-25 ]			
[ Mixed Cell Focus TGLS = 2-6,5-23 ]			
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 10-4-1			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 170	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> A86038235
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Eye	Lymph Node - Mesenteric	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thyroid Gland	

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**MISSING**

Lymph Node - Mandibular

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 5-9			
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 3-6 ]			
Nose		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 6-4-1			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 171

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
 Stomach - Glandular

Adrenal Gland - Medulla  
 Thyroid Gland

Lymph Node - Mandibular

Pituitary Gland

**OBSERVATIONS**

Intestine Small  
 Note: HYPERPLASIA TGLs = 10-26  
 Liver

Ileum

Hyperplasia

Mild

Biliar Tract

Cytologic Alterations

Moderate

Hyperplasia

Mild

Inflammation

Subacute, Mild

Pigmentation

Moderate

[ Cytologic Alterations TGLS = 5-6 ]

Lung  
 Note: ALV BRON ADEN TGLs = 11-2  
 Lymph Node

Iliac

Alveolar/Bronchiolar Adenoma

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Pancreatic

Lymphoma Malignant Mixed

Renal

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 6-23,7-24

Note: LYMPH MAL MIXD TGLs = 2-25,9-25

Note: LYMPH MAL MIXD TGLs = 4-22

[ Lymphoma Malignant Mixed TGLS = 8-5 ]

Mesentery  
 Note: HEMORRHAGE TGLs = 1-21

Hemorrhage

Mild

Nose  
 Foreign Body  
 Inflammation

Mild

Suppurative, Moderate

Spleen  
 Note: LYMPH MAL MIXD TGLs = 3-6

Lymphoma Malignant Mixed

Stomach  
 Note: HYPERPLASIA TGLs = 12-4-1

Forestomach

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 172	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 690
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038237

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
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**OBSERVATIONS**

Intestine Small Note: LYMPH MAL MIXD TGLs = 4-22	Jejunum	Lymphoma Malignant Mixed	
Liver [ Pigmentation TGLS = 2-21 ]	Kupffer Cell	Cytologic Alterations Hepatocellular Carcinoma Pigmentation	Mild Moderate
Lymph Node Note: LYMPH MAL MIXD TGLs = 5-23 Note: LYMPH MAL MIXD TGLs = 3-5	Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 173

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 652

**DOSE:** 20 MG/KG

**DISP:** Dosing Accident

**HISTO:** A86038238

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Marked
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Cytologic Alterations TGLS = 4-22 ]		
	[ Hepatocellular Adenoma TGLS = 3-21 ]		
Lung		Foreign Body	Marked
		Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 10-2		
Note: FOREIGN BODY	TGLs = 10-2		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Moderate
	[ Cyst TGLS = 1-8 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 173

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 652

**DOSE:** 20 MG/KG

**DISP:** Dosing Accident

**HISTO:** A86038238

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Inflammation TGLS = 1-8 ]

Tooth

Dysplasia

Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 174

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 682

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Mild
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Mild
Note: [ MIXED CL FOCUS ] TGLs = 4-6 Note: HEPATOCLR CARC TGLs = 6-23 [ Hemangiosarcoma TGLS = 4-6 ] [ Hepatocellular Carcinoma TGLS = 5-22 ]			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver)
		[ Alveolar/Bronchiolar Adenoma TGLS = 3-2 ]	
Mesentery	Fat	Necrosis	Mild
		[ Necrosis TGLS = 1-21 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 174

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 682

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038239

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 175	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038240

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Preputial Gland	Skin
Spleen	Stomach - Glandular	Thyroid Gland	

---

**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 7-9		
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 8-23,8-6 ]			
[ Pigmentation TGLS = 6-23 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 9-4-1		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 176

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 716

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
	[ Hemangiosarcoma TGLS = 6-24,7-25,8-26,9-6 ]		
Preputial Gland		Inflammation	Subacute, Marked
Note: INFLAMMATION TGLs = 2-22			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
	[ Hemangiosarcoma TGLS = 5-23 ]		
	[ Hematopoietic Cell Proliferation TGLS = 4-6 ]		
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Pentachloroanisole  
CAS Number: 1825-21-4

Date Report Requested: 10/22/2014  
Time Report Requested: 07:39:09  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 177      TRT#: 13      SEX: Male      DAY ON TEST: 704  
DOSE: 20 MG/KG      DISP: Moribund Sacrifice      HISTO: A86038242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
	[ Hyperplasia TGLS = 3-23 ]		
	[ Inflammation TGLS = 2-6,2-22 ]		
	[ Mixed Cell Focus TGLS = 4-24,4-6 ]		
	[ Pigmentation TGLS = 2-23 ]		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 178

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038243

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Pituitary Gland  
Stomach - Glandular

Lymph Node - Mandibular  
Skin  
Thyroid Gland

Lymph Node - Mesenteric  
Spleen

Nose  
Stomach - Forestomach

**OBSERVATIONS**

Adrenal Gland  
Liver

Cortex

Hypertrophy  
Cytologic Alterations  
Hepatocellular Carcinoma  
Hyperplasia  
Inflammation  
Pigmentation

Focal, Mild  
Marked

Biliar Tract

Hyperplasia  
Inflammation  
Pigmentation

Mild  
Subacute, Mild  
Moderate

Kupffer Cell

Note: [ HEPATOCLR CARC ] TGLs = 6-22  
[ Cytologic Alterations TGLS = 7-23,5-6 ]

Lung

Alveolar Epith

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 4-2

Preputial Gland

Duct

Cyst  
Inflammation

Marked  
Subacute, Mild

Note: INFLAMMATION TGLs = 3-8

Note: CYST TGLs = 2-8,3-8

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 179	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> A86038244
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Spleen	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Liver		Cytologic Alterations Hepatocellular Adenoma Inflammation Pigmentation	Marked  Subacute, Mild Moderate
[ Cytologic Alterations TGLS = 5-6 ] [ Pigmentation TGLS = 4-21 ]	Kupffer Cell		
Preputial Gland Note: CYST      TGLs = 1-8,2-8	Duct	Cyst	Marked
Stomach	Forestomach	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 180

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038245

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland  
Thyroid Gland

Adrenal Gland - Medulla  
Spleen

Lymph Node - Mandibular  
Stomach - Forestomach

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Adrenal Gland  
Liver

Capsule, Spindle Cell

Hyperplasia  
Cytologic Alterations  
Hepatocellular Adenoma

Mild  
Marked

Biliar Tract

Hyperplasia  
Inflammation  
Mixed Cell Focus

Mild  
Subacute, Mild

Kupffer Cell

Pigmentation

Multiple  
Moderate

[ Cytologic Alterations TGLS = 2-6 ]

[ Pigmentation TGLS = 4-21 ]

Nose

Foreign Body

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 181

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038246

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Cortex	Fibrous Histiocytoma	
Epididymis		Fibrous Histiocytoma	
Islets, Pancreatic		Fibrous Histiocytoma	
Kidney	Cortex	Cyst	Mild
[ Cyst TGLS = 4-22 ]			
Liver		Basophilic Focus	
		Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hemangiosarcoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: EOSIN FOCUS TGLs = 6-6			
[ Cytologic Alterations TGLS = 6-6 ]			
[ Hemangiosarcoma TGLS = 7-24 ]			
Lymph Node	Mediastinal	Fibrous Histiocytoma	
	Mesenteric	Fibrous Histiocytoma	
Note: FIB HISTIOCYT TGLs = 5-23			
Note: FIB HISTIOCYT TGLs = 8-2			
Mesentery		Fibrous Histiocytoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 13 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 702 <b>HISTO:</b> A86038246
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: FIB HISTIOCYT	TGLs = 2-21,2-7		
Pancreas		Fibrous Histiocytoma	
Note: FIB HISTIOCYT	TGLs = 3-7		
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
Prostate		Fibrous Histiocytoma	
Stomach	Forestomach	Fibrous Histiocytoma	
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 182

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038247

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney		Nephropathy	Moderate
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CARCINOMA ARISING FROM ADENOMA			
[ Mixed Cell Focus TGLS = 5-23,5-6 ]			
[ Pigmentation TGLS = 4-22 ]			
Lymph Node	Mesenteric	Thrombosis	Mild
[ Thrombosis TGLS = 3-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			
Stomach	Forestomach	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 182

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 701

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038247

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA TGLs = 6-4-1

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 183

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038248

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
 Thyroid Gland

Lymph Node - Mandibular

Pituitary Gland

Stomach - Glandular

**OBSERVATIONS**

Adrenal Gland  
 Intestine Small

Medulla  
 Jejunum

Hyperplasia  
 Lymphoma Malignant Mixed

Mild

Note: LYMPH MAL MIXD TGLs = 7-23

Liver

Cytologic Alterations  
 Hepatocellular Adenoma

Moderate

Biliar Tract

Hyperplasia  
 Inflammation  
 Pigmentation

Minimal  
 Subacute, Mild  
 Moderate

Note: [ HEPATOCLR ADEN ] TGLs = 10-24  
 [ Cytologic Alterations TGLs = 9-6,11-25 ]

Lung

Note: ALV BRON CARC TGLs = 8-2

Alveolar/Bronchiolar Carcinoma

Lymph Node

Mesenteric  
 Pancreatic

Lymphoma Malignant Mixed  
 Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5-22

Note: LYMPH MAL MIXD TGLs = 6-5

Mesentery

Fat

Necrosis

Mild

Note: NECROSIS TGLs = 3-21

Nose

Foreign Body  
 Inflammation  
 Cyst

Minimal  
 Suppurative, Mild  
 Marked

Preputial Gland

Duct

Note: CYST TGLs = 1-8,2-8

Spleen

Note: LYMPH MAL MIXD TGLs = 4-6

Lymphoma Malignant Mixed

Stomach

Forestomach

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 184

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038249

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney		Nephropathy	Mild
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 4-6,4-22			
Note: CARCINOMA CONTAINS FOCAL AREA THAT POSSIBLY			
Note: HEPATOCLR CARC TGLs = 3-21			
Note: RESEMBLES HEPATOBLASTOMA			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8,2-8 ]			
Stomach	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 185	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pituitary Gland
Preputial Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Liver		Angiectasis	Moderate
		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN	TGLs = 4-21		
Note: CYTOLOGC ALTER	TGLs = 3-6		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 186

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule, Spindle Cell	Hyperplasia	Mild
Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: MIXED CL FOCUS TGLs = 9-6,9-24 [ Mixed Cell Focus TGLS = 9-6 ] [ Pigmentation TGLS = 10-24,11-25 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-2			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 186	<b>TRT#:</b> 13	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 717
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038251

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant Lymphocytic TGLS = 2-21 ]

Mesentery		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 3-22		
Preputial Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Marked
Note: INFLAMMATION	TGLs = 1-7		
[ Cyst TGLS = 1-8 ]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-6		
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 187

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 711

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038252

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 3-6 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-2			
Pancreas	Acinar Cell	Atrophy	Minimal
Preputial Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 188

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Lymph Node - Mesenteric  
Stomach - Glandular

Adrenal Gland - Medulla  
Pituitary Gland  
Thyroid Gland

Epididymis  
Spleen

Lymph Node - Mandibular  
Stomach - Forestomach

**OBSERVATIONS**

Liver

Biliar Tract

Cytologic Alterations

Moderate

Hyperplasia

Mild

Inflammation

Subacute, Mild

Kupffer Cell

Pigmentation

Moderate

Nose

Foreign Body

Mild

Inflammation

Suppurative, Minimal

Preputial Gland

Duct

Cyst

Marked

Note: CYST TGLs = 2-8-2

Skin

Subcut Tiss

Hemangioma

Note: HEMANGIOMA TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 189

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038254

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Spleen

Lymph Node - Mandibular  
Stomach - Glandular

Lymph Node - Mesenteric  
Thyroid Gland

Pituitary Gland

**OBSERVATIONS**

Adrenal Gland

Medulla  
Medulla

Hyperplasia  
Hypertrophy  
Cytologic Alterations  
Hepatocellular Carcinoma

Mild  
Mild  
Moderate

Liver

Biliar Tract  
Kupffer Cell

Hyperplasia  
Inflammation  
Pigmentation

Minimal  
Subacute, Mild  
Moderate

Note: [ HEPATOCLR CARC ] TGLs = 2-21  
[ Cytologic Alterations TGLS = 3-6 ]

Nose

Foreign Body  
Inflammation  
Cyst

Mild  
Suppurative, Mild  
Marked

Preputial Gland

Duct

Note: CYST TGLs = 1-8

Stomach

Forestomach

Note: HYPERPLASIA TGLs = 4-4-1

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 190

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric

Nose

**MISSING**

Thyroid Gland

**OBSERVATIONS**

Adrenal Gland  
Liver

Medulla

Hyperplasia  
Cytologic Alterations  
Hepatocellular Adenoma

Mild  
Moderate  
Multiple

Biliar Tract

Hyperplasia  
Inflammation  
Mixed Cell Focus

Minimal  
Subacute, Mild

Kupffer Cell

Pigmentation

Moderate

[ Cytologic Alterations TGLS = 1-6 ]

[ Pigmentation TGLS = 2-21,3-22,4-23 ]

Lung

Alveolar/Bronchiolar Carcinoma  
Infiltration Cellular

Histiocyte, Mild

Note: ALV BRON CARC TGLs = 6-2

Note: INFILTRAT CELL TGLs = 5-2

Note: ALV BRON CARC TGLs = 6-2

Stomach

Forestomach  
Forestomach

Hyperplasia  
Squamous Cell Papilloma

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 633
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038070

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5-7			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 212

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 702

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038071

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Necrosis	Minimal
Kidney		Amyloid Deposition	Marked
	[ Amyloid Deposition TGLS = 7-5 ]		
Liver		Hepatocellular Adenoma	
	Note: MALIGNANT LYMPHOMA PRESENT ON SLIDE 23		
	[ Hepatocellular Adenoma TGLS = 8-23 ]		
Lymph Node	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
	[ Lymphoma Malignant Histiocytic TGLS = 10-25 ]		
	[ Lymphoma Malignant Histiocytic TGLS = 9-24 ]		
	[ Lymphoma Malignant Histiocytic TGLS = 11-2 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 2-21 ]		
Pancreas	Acinar Cell	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Histiocytic	
	[ Lymphoma Malignant Histiocytic TGLS = 6-22 ]		
Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild
	[ Dilatation TGLS = 3-7 ]		
	[ Hyperplasia TGLS = 4-7 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 212

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 702

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038071

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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Animal Note: TGL 1-ABDOMINAL FLUID SMEAR CONTAINS NEOPLASTIC LYMPHOCYTES

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 213	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 583
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038072

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
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**OBSERVATIONS**

Lymph Node	Mandibular	Mast Cell Tumor Benign
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Note: GIEMSA STAIN POSITIVE (MANDIBULAR)

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 214

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 411

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A85034333

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Mesentery		Inflammation	Suppurative, Mild
Ovary	Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS	Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 215

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038073

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Gallbladder			
Note: PRESENT ON SLIDE 7			
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21,2-22 ]			
Pancreas	Acinar Cell	Atrophy	Marked
	Duct	Dilatation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-1			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus	Mucosa	Cyst	Moderate
		Hyperplasia	Cystic, Mild
Note: CYST TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 216	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 428
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85034334

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Lung	Mediastinum	Inflammation	Suppurative, Mild
Lymph Node	Mediastinal	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 3-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 217

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 477

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038074

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

**OBSERVATIONS**

Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
[ Hydronephrosis TGLS = 6-5 ]			
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 7-6			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-22 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Histiocytic Sarcoma	
Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate
Note: HISTIO SARC TGLs = 5-7			
Note: HYPERPLASIA TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 218	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038075

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-22 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-21 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 219

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 517

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** A86038076

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Gallbladder

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

**OBSERVATIONS**

Pancreas	Acinar Cell	Atrophy	Minimal
Note: ACINAR CELL ATROPHY PRESENT ON SLIDE 4			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 220	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 605
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038077

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Small - Ileum
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION PRESENT ON SEROSA OF SEVERAL ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 221	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 687
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038078

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Ovary

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**AUTO PRECLUDES DIAG.**

Intestine Large - Colon	Intestine Small - Ileum
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**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	Mild
Bone		Hypertrophy	Minimal
Note: HYPERTROPHY TGLs = 2-21			
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-23			
[ Hepatocellular Carcinoma TGLs = 4-22 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-4,6-4-1			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLs = 1-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 222	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 705
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038079

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Intestine Large - Cecum

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**OBSERVATIONS**

Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 3-23 ]			
Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 6-24 ]			
[ Hematopoietic Cell Proliferation TGLS = 5-6 ]			
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 4-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 223

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038080

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Kidney	Cortex	Cyst	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 6-2-1		
Ovary		Cyst	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-1		
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 8-4-1		
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
		Inflammation	Subacute, Minimal
Note: HYPERPLASIA	TGLs = 5-3		
Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild

[ Dilatation TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 224

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038081

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Kidney  
Mammary Gland  
Parathyroid Gland  
Spleen  
Thyroid Gland

**OBSERVATIONS**

Harderian Gland  
Liver  
Uterus

Adenoma  
Basophilic Focus  
Hyperplasia

Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 225	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038082

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

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**OBSERVATIONS**

Mesentery [ Necrosis TGLS = 1-21 ]	Fat	Necrosis	Mild
Pituitary Gland Note: ADENOMA TGLs = 6-1.1	Pars Distalis	Adenoma	
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus [ Dilatation TGLS = 2-7 ]		Dilatation	Mild
		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 226

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038083

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 8-22			
Nose		Inflammation	Suppurative, Mild
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7,3-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-6 ]			
Thyroid Gland	Follicular Cel	Adenoma	
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 227

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 639

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038084

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Ovary		Abscess	Moderate
[ Abscess TGLS = 4-7,4-7.1 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 7-6 ]			
Uterus	Mucosa	Cyst	Mild
		Hyperplasia	Cystic, Moderate
[ Cyst TGLS = 6-7.1 ]			
[ Hyperplasia TGLS = 5-7,5-7.1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 228

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 611

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038085

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Marked

Note: INFLAMMATION TGLs = 1-7

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 229

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038086

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Pituitary Gland

**OBSERVATIONS**

Harderian Gland	Hyperplasia	Minimal
Ovary	Cyst	Mild
[ Cyst TGLS = 1-7 ]		
Uterus	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 230

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038087

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Gallbladder

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-23 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 5-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 231

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 474

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** A86038088

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Intestine Small - Ileum

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Mediastinum	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 8-2			
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 9-21			
Mesentery		Inflammation	Suppurative, Mild
Note: SURFACES			
Note: INFLAMMATION PRESENT ON SEVERAL ABDOMINAL ORGAN SEROSAL			
Nose		Foreign Body	Mild
Ovary		Abscess	Marked
[ Abscess TGLS = 4-7,5-7 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-6			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 2-7			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 231

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 474

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** A86038088

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 232

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 410

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A85034335

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Pituitary Gland

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma Necrosis	Mild
Note: [ HEPATOCLR CARC ] TGLs = 2-6 [ Necrosis TGLS = 2-6 ]			
Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-21 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 233

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 674

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038089

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

**OBSERVATIONS**

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Brain	Meninges	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-6			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-8			
Note: LYMPH MAL MIXD TGLs = 9-25			
Note: LYMPH MAL MIXD TGLs = 2-8,2-21			
Note: LYMPH MAL MIXD TGLs = 5-23			
Note: LYMPH MAL MIXD TGLs = 8-5			
Note: LYMPH MAL MIXD TGLs = 10-26			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 6-24			
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 233

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 674

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038089

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-6

Thymus Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 11-2

Urinary Bladder Lymphoma Malignant Mixed

Uterus Hemangioma

Hyperplasia Cystic, Mild

Lymphoma Malignant Mixed

Note: HEMANGIOMA TGLs = 3-22

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 234

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 674

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** A86038090

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Ovary  
Skin  
Thymus

Bone  
Gallbladder  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum

**OBSERVATIONS**

Pituitary Gland  
[ Adenoma TGLS = 3-1 ]  
Uterus

Pars Distalis

Adenoma

Hyperplasia

Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 235

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038091

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Ovary		Cystadenoma	Papillary
[ Cystadenoma TGLS = 2-7 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 236

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 72

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A84032972

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus  
Uterus

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Mammary Gland  
Parathyroid Gland  
Spleen  
Thyroid Gland

Bone  
Gallbladder  
Intestine Small - Duodenum  
Kidney  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

**OBSERVATIONS**

Heart  
Liver  
Lung

Mineralization  
Hematopoietic Cell Proliferation  
Abscess

Mild  
Mild  
Marked

[ Abscess TGLS = 1-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 237	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038092

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

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**MISSING**

Lymph Node - Mandibular

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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 6-24 ]			
Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLS = 1-21 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-22,3-23 ]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-1			
Stomach	Glandular	Carcinoid Tumor Malignant	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 238	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 560
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> A86038093

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Lung		Foreign Body	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 239

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038094

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-21 ]		
Thymus	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-23 ]		
Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 240

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 477

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038095

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-21 ]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 7-24		
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 5-22		
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Pancreas	Acinar Cell	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 241

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038096

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-1			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Moderate
[ Dilatation TGLS = 3-7 ]			
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 242

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038097

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Mesentery		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas		Lymphoma Malignant Mixed	
Note: MALIGNANT LYMPHOMA PRESENT ON SLIDE 4			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 4-4-1			
Uterus		Hyperplasia	Cystic, Mild
		Lymphoma Malignant Mixed	
[ Hyperplasia TGLS = 1-7 ]			
[ Lymphoma Malignant Mixed TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 243

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038098

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Ovary  
Salivary Glands  
Stomach - Glandular

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pancreas  
Skin  
Thyroid Gland

Bone  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Trachea

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Liver  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Urinary Bladder

**OBSERVATIONS**

Kidney  
[ Amyloid Deposition TGLS = 2-5 ]  
Nose  
Thymus  
Uterus  
[ Hyperplasia TGLS = 1-7 ]

Amyloid Deposition  
Foreign Body  
Inflammation  
Lymphoma Malignant Mixed  
Hyperplasia

Marked  
Minimal  
Suppurative, Minimal  
Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 244	<b>TRT#:</b> 4 <b>DOSE:</b> VEHICLE CONTROL	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 624 <b>HISTO:</b> A86038099
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Intestine Large - Cecum	Thymus
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Mediastinum	Inflammation	Suppurative, Mild
Lymph Node	Iliac	Inflammation	Suppurative, Mild
	Mediastinal	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 8-23			
Note: INFLAMMATION TGLs = 9-24			
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 3-7,4-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-6			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 5-7			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 245	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038100

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Liver		Eosinophilic Focus	
Lymph Node	Mesenteric	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5-5			
Ovary		Cyst	Moderate
[ Cyst TGLS = 4-7.1 ]			
Salivary Glands		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-8 ]			
Uterus		Dilatation	Marked
[ Dilatation TGLS = 3-7 ]		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 246	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038101

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Ovary	Uterus
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**OBSERVATIONS**

Bone Marrow		Hemangiosarcoma	
	Myeloid Cell	Hypercellularity	Moderate
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild

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[ Hematopoietic Cell Proliferation TGLS = 3-6 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 247	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038102

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-1			
Stomach	Forestomach	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-4,5-4-1 ]			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 248	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038103

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Ovary	Uterus
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**OBSERVATIONS**

Bone Marrow		Hemangiosarcoma	
	Myeloid Cell	Hypercellularity	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Subacute, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-21 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 249

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 81

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A84032973

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Lymph Node	Renal	Neoplasm Nos	Metastatic (Ovary)
Note: NEOPLASM NOS IS A MALIGNANT TERATOMA. THIS TERM IS NOT PRESENT ON THE METASTATIC TDMS MORPHOLOGY SCREEN. [ Neoplasm Nos TGLS = 3-21 ]			
Ovary		Teratoma Malignant	
Note: TERATOMA MAL TGLs = 2-9			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 250	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038104

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Ear	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 3-4-1 ]			
Uterus		Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 251	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038105

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Ovary	Pituitary Gland	Uterus	
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Salivary Glands		Atrophy	Mild
		Foreign Body	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 7-4-1 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 252

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038106

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Harderian Gland		Hyperplasia	Minimal
Liver		Angiectasis	Minimal
		Eosinophilic Focus	
Note: EOSIN FOCUS TGLs = 4-23			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 253

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 675

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038107

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	Mild
Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Brain		Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 12-1		
Gallbladder		Dilatation	Moderate
Note: DILATATION	TGLs = 7-6		
Intestine Small	Jejunum	Sarcoma	
Note: SARCOMA	TGLs = 5-22		
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Minimal
	Alveolar Epith	Hyperplasia	Mild
Lung			
Note: HYPERPLASIA	TGLs = 9-2		
Mammary Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-8		
Mesentery	Fat	Necrosis	Mild
		Sarcoma	
Note: SARCOMA	TGLs = 8-24		
Note: NECROSIS	TGLs = 4-21		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas		Sarcoma	
Note: SARCOMA	TGLs = 6-23		
Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 253	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 675
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038107

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA	TGLs = 10-1		
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Sarcoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 254	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038108

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

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**MISSING**

Ovary	Parathyroid Gland	Urinary Bladder	Uterus
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 3-21			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 505

**DOSE:** VEHICLE CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** A86038109

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Mediastinum	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Nose		Foreign Body	Mild
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7,2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** VEHICLE CONTROL

**DISP:** Natural Death

**HISTO:** A86038110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Brain		Inflammation	Subacute, Minimal
Harderian Gland		Adenoma	
Heart		Inflammation	Subacute, Minimal
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-21			
Nose		Foreign Body	Mild
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-6			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 257	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 400
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> A85034336

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Intestine Small - Ileum

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Lung	Mediastinum	Inflammation	Suppurative, Moderate
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 258

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Liver		Eosinophilic Focus	
Stomach	Forestomach	Cyst Epithelial Inclusion	Mild
	Forestomach	Foreign Body	Mild
Note: CYST EPITH INC TGLs = 3-4-1 [ Cyst Epithelial Inclusion TGLS = 3-4-1 ]			
Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 259

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 260

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A86038113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Mesentery		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Mixed	
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

Note: INFLAMMATION TGLs = 1-7

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 281

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038166

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Clitoral Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-21 ]			
Intestine Small	Duodenum	Polyp Adenomatous	
[ Polyp Adenomatous TGLS = 6-23 ]			
Liver		Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Minimal
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Moderate
Pituitary Gland	Pars Distalis	Cyst	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate

Note: INFLAMMATION TGLs = 3-7

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 282

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 612

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A86038167

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Liver		Cytologic Alterations	Minimal
		Inflammation	Subacute, Moderate
	Kupffer Cell	Pigmentation	Mild
[ Inflammation TGLS = 4-6 ]			
Pancreas	Acinar Cell	Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
		Sarcoma	

Note: INFLAMMATION TGLs = 1-7

Note: SARCOMA TGLs = 5-21

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 283	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038168

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 3-21 ]			
Ovary		Cystadenoma	Papillary
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4,5-4-1			
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 284	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 704
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038169

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Esophagus			
Note: PRESENT ON SLIDE 2.			
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Lymphoma Malignant Lymphocytic	
Note: CYTOLOGC ALTER TGLs = 3-22,4-6			
Lung		Pigmentation	Moderate
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
[ Necrosis TGLS = 1-21 ]			
Nose		Necrosis	Mild
Uterus		Inflammation	Suppurative, Mild
		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 285

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 365

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85033584

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Gallbladder	Lymph Node - Mandibular	Salivary Glands
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney		Nephropathy	Moderate
Liver		Cytologic Alterations	Minimal
	Kupffer Cell	Pigmentation	Minimal
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 286

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Dilatation	Mild
		Eosinophilic Focus	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ EOSIN FOCUS ] TGLs = 10-24			
Note: CYTOLOGIC ALTER TGLs = 9-25			
Note: DILATATION TGLs = 8-24			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 6-23 ]			
[ Lymphoma Malignant Mixed TGLS = 4-21 ]			
[ Lymphoma Malignant Mixed TGLS = 5-22 ]			
[ Lymphoma Malignant Mixed TGLS = 7-2 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 286	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038170

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Nose	Inflammation	Suppurative, Mild
Spleen	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3-6 ]		
Thymus	Lymphoma Malignant Mixed	
Uterus	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 287

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 472

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Mild
	Biliar Tract	Hyperplasia	Mild
	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
			[ Hyperplasia TGLS = 7-23 ]
			[ Hyperplasia TGLS = 6-22 ]
Mesentery	Fat	Necrosis	Mild
			[ Necrosis TGLS = 1-21 ]
Ovary		Abscess	Marked
			[ Abscess TGLS = 2-7 ]
Spleen		Hematopoietic Cell Proliferation	Moderate
			[ Hematopoietic Cell Proliferation TGLS = 5-6 ]
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
			Note: INFLAMMATION TGLs = 4-7
			[ Hyperplasia TGLS = 3-7 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 288	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Liver		Angiectasis	Minimal
		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Angiectasis TGLS = 4-21 ]			
Nose		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-4			
Uterus		Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 289

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 519

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A86038173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung	Mediastinum	Inflammation	Suppurative, Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
	Renal	Inflammation	Suppurative, Minimal
Note: HYPERPLASIA TGLs = 6-22			
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF SEVERAL ABDOMINAL ORGANS			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3-7,4-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-6			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 290      **TRT#:** 10      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 40 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** A86038174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Harderian Gland		Adenoma	
Note: ADENOMA      TGLs = 10-9			
Intestine Small	Jejunum	Adenocarcinoma	
	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD      TGLs = 8-25			
Liver		Cytologic Alterations	Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN      TGLs = 9-2			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: HEMA CELL PROL      TGLs = 6-5			
[ Hematopoietic Cell Proliferation TGLS = 7-24 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21,5-23 ]			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-22 ]			
Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 290

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038174

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 4-6 ]

Uterus

Hyperplasia  
Inflammation

Cystic, Mild  
Suppurative, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 291

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 5-22			
Mesentery		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-21 ]			
Ovary		Cyst	Moderate
		Cystadenoma	Papillary
[ Cyst TGLS = 2-7 ]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-1			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-6			
Uterus		Hemangiosarcoma	
		Hyperplasia	Cystic, Moderate
Note: HEMANGIOSARC TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 292

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 597

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 6-22			
Note: HYPERPLASIA TGLs = 5-21			
Note: HYPERPLASIA TGLs = 7-2			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7-2,2-7-2 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 292

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 597

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038176

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 293

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A86038177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN	TGLs = 1-21		
Nose		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:09  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 294	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 386
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85033769

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Liver	Kupffer Cell	Pigmentation	Minimal
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION PRESENT ON SEROSA OF ABDOMINAL ORGANS			
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Ovary		Abscess	Marked
[ Abscess TGSL = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGSL = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 295

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038178

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Thymus

**OBSERVATIONS**

Brain		Meningioma Benign	
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas	Duct	Dilatation	Mild
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Moderate
[ Dilatation TGLS = 2-7 ]			
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 296

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 323

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A85033585

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Nose  
Salivary Glands  
Thymus  
Uterus

Adrenal Gland - Medulla  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thyroid Gland

Bone  
Heart  
Intestine Small - Duodenum  
Kidney  
Mammary Gland  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Mesentery  
Pituitary Gland  
Stomach - Glandular  
Urinary Bladder

**OBSERVATIONS**

Bone Marrow  
Liver  
Ovary  
[ Abscess TGLS = 1-7 ]  
Spleen  
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]

Myeloid Cell

Hypercellularity  
Necrosis  
Abscess  
Hematopoietic Cell Proliferation

Moderate  
Mild  
Marked  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 297

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow		Hemangiosarcoma	
Note: HEMANGIOSARCOMA PRESENT IN NASAL SECTION			
Liver		Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 3-22,3-6			
Note: AND PATTERNS			
Note: ADENOMAS ON SLIDE 22 APPEAR TO CONTAIN 2 DISTINCT CELL TYPES			
[ Hemangiosarcoma TGLS = 5-24,5-6 ]			
[ Hepatocellular Adenoma TGLS = 4-23 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 298

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 299

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038181

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Intestine Large	Cecum	Lymphoma Malignant Lymphocytic	
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-4			
Liver		Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 10-22			
Lung	Mediastinum	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Angiectasis	Marked
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 7-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 1-8 ]			
Mesentery		Lymphoma Malignant Lymphocytic	
Nose		Foreign Body	Mild
Note: FOREIGN BODY TGLs = 7-5			
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas	Duct	Dilatation	Moderate
		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-7-1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 299	<b>TRT#:</b> 10 <b>DOSE:</b> 40 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 653 <b>HISTO:</b> A86038181
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Skin Note: LYMPH MAL LYMP TGLs = 2-21	Subcut Tiss	Lymphoma Malignant Lymphocytic	
Stomach Note: LYMPH MAL LYMP TGLs = 8-4,8-4-1	Glandular	Lymphoma Malignant Lymphocytic	
Uterus Note: HYPERPLASIA TGLs = 5-7 Note: LYMPH MAL LYMP TGLs = 5-7		Hyperplasia Lymphoma Malignant Lymphocytic	Cystic, Moderate

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PRIMARY CAUSE OF DEATH -

Animal Note: DIAGNOSIS OF MALIGNANT LYMPHOMA (TGL 3-62 AND 4-63)

Animal Note: ABDOMINAL AND THORACIC FLUID SMEARS COMPATIBLE WITH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 300

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Cholangiocarcinoma	Metastatic (Liver)
Kidney		Cholangiocarcinoma	Metastatic (Liver)
[ Cholangiocarcinoma TGLS = 3-5 ]			
Liver		Cytologic Alterations	Mild
		Hepatocholangiocarcinoma	
	Biliar Tract	Hyperplasia	Mild
	Kupffer Cell	Pigmentation	Moderate
Note: [ HEPATOCHOLCARC ] TGLs = 5-22			
Lung		Cholangiocarcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
Note: HEPATOCLR CARC TGLs = 6-2			
[ Cholangiocarcinoma TGLS = 6-2 ]			
Lymph Node	Bronchial	Cholangiocarcinoma	Metastatic (Liver)
	Mediastinal	Cholangiocarcinoma	Metastatic (Liver)
Mesentery		Cholangiocarcinoma	Metastatic (Liver)
[ Cholangiocarcinoma TGLS = 2-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Hemangioma	
Pancreas		Cholangiocarcinoma	Metastatic (Liver)
Uterus		Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 300

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038182

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 301

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 389

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85033770

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

**MISSING**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver	Kupffer Cell	Pigmentation	Minimal
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7-1,3-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-6 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 302	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 677
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 7-23 ]			
Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 6-2 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21,2-22 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 303	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038184

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla
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**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 7-24 ]			
Liver		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 9-26 ]			
[ Hepatocellular Carcinoma TGLS = 8-25 ]			
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 4-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 304

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 527

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Liver		Cytologic Alterations	Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-22 ]			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7-1,3-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 5-6 ]			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 305

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 499

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038186

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Minimal
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
		Inflammation	Suppurative, Mild
Mesentery			
Note: INFLAMMATION TGLs = 2-21			
Ovary		Abscess	Marked
[ Abscess TGLs = 1-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLs = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 306

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 677

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038187

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-24		
Liver	Biliar Tract	Cytologic Alterations	Mild
	Kupffer Cell	Hyperplasia	Minimal
	Mandibular	Inflammation	Subacute, Minimal
Lymph Node	Mesenteric	Pigmentation	Moderate
	Pancreatic	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLs = 4-5 ]	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLs = 1-8 ]	Lymphoma Malignant Mixed	
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-21		
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-6-1		
Stomach	Glandular	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 9-4,9-4-1		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-23		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 306	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 677
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038187

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Uterus	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

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Animal Note: TGL 5 THORACIC SMEAR COMPATIBLE WITH DIAGNOSIS OF MALIGNANT

Animal Note: LYMPHOMA

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 307

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 4-6 ]			
Lung		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 7-2 ]			
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 3-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 308

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 291

**DOSE:** 40 MG/KG

**DISP:** Natural Death

**HISTO:** A85033586

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Rectum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Thymus

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Kidney		Nephropathy	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Minimal
Lung	Mediastinum	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-6			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 309	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038189

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Hepatocellular Carcinoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER	TGLs = 7-23,7-6		
Note: HEPATOCLR CARC	TGLs = 4-21		
Note: SLIDE 21-CARCINOMA ARISING FROM ADENOMA			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Thyroid Gland	Follicular Cel	Carcinoma	
[ Carcinoma TGLS = 5-3 ]			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Moderate
[ Dilatation TGLS = 2-7-1 ]			
[ Hyperplasia TGLS = 2-7-1 ]			

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 309

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038189

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 310

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038190

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
[ Cytologic Alterations TGLS = 3-6 ]			
[ Pigmentation TGLS = 4-21,5-22 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-6			
Uterus		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 311	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 563
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038191

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**OBSERVATIONS**

Liver		Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Moderate
Nose		Foreign Body	Mild
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 312

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 3-22 ]			
Mesentery		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-21 ]			
Nose		Foreign Body	Mild
Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 313

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038193

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER TGLs = 5-6 [ Cytologic Alterations TGLS = 5-6 ] [ Hyperplasia TGLS = 6-21,7-22 ] [ Pigmentation TGLS = 6-21 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Cyst	Moderate
Note: CYST TGLs = 2-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-6			
Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 314      **TRT#:** 10      **SEX:** Female      **DAY ON TEST:** 702  
**DOSE:** 40 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** A86038194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hepatoblastoma	
		Hyperplasia	Mild
		Inflammation	Subacute, Moderate
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER	TGLs = 6-21,8-23		
[ Cytologic Alterations TGLS = 6-21,8-23 ]			
[ Inflammation TGLS = 7-22 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-6 ]			
Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 3-7 ]			
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 315

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 583

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Lymphoma Malignant Lymphocytic Pigmentation	Mild
Note: LYMPH MAL LYMP TGLs = 6-6			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLs = 4-21 ]			
[ Lymphoma Malignant Lymphocytic TGLs = 7-5 ]			
[ Lymphoma Malignant Lymphocytic TGLs = 8-22 ]			
[ Lymphoma Malignant Lymphocytic TGLs = 9-23 ]			
Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLs = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 10-2			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 315	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 583
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038195

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH -

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Animal Note: MALIGNANT LYMPHOMA

Animal Note: TGL 1- ABDOMINAL FLUID SMEAR SLIDE 62 COMPATIBLE WITH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 316

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Mesentery
Ovary	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Moderate
	Kupffer Cell	Lymphoma Malignant Lymphocytic	
		Pigmentation	Moderate
Note: CYTOLOGC ALTER TGLs = 8-6 [ Inflammation TGLS = 9-21,10-22 ]			
Lung		Lymphoma Malignant Lymphocytic	
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-6 ]			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Uterus	Mucosa	Cyst	Moderate
		Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Lymphocytic	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 316

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038196

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 4-7-1 ]

[ Hyperplasia TGLS = 3-7 ]

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PRIMARY CAUSE OF DEATH

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Animal Note: COMPATIBLE WITH DIAGNOSIS OF MALIGNANT LYMPHOMA

Animal Note: TGL 7-THORACIC AND TGL 1-ABDOMINAL FLUID SMEARS ARE

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 317

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

**OBSERVATIONS**

Harderian Gland		Adenoma	
Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 4-23			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-22			
Note: HEMA CELL PROL TGLs = 5-5			
Note: LYMPH MAL LYMP TGLs = 2-21			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pancreas			
Note: PRESENT ON SLIDE 4			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-1			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-6			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 317	<b>TRT#:</b> 10 <b>DOSE:</b> 40 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> A86038197
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 470
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038198

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**OBSERVATIONS**

Kidney Note: NEPHROPATHY TGLs = 3-5		Nephropathy	Marked
Liver	Kupffer Cell	Pigmentation	Mild
Mesentery [ Necrosis TGLS = 2-21 ]	Fat	Necrosis	Mild
Ovary Note: [ CYST ] TGLs = 5-7		Cyst	Moderate
Stomach [ Hyperplasia TGLS = 8-4-1 ]	Forestomach	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 319	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 414
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85034357

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Adrenal Gland - Medulla

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver	Kupffer Cell	Pigmentation	Minimal
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 320

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 571

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER TGLs = 6-6			
Mesentery		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-21,5-22 ]			
Pancreas		Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 321

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 389

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85033771

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver	Kupffer Cell	Pigmentation	Minimal
Lung	Mediastinum	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-21 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 322

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 40 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038200

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN	TGLs = 9-26		
Note: CYTOLOGC ALTER	TGLs = 8-6		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed	TGLs = 6-24 ]	
	[ Lymphoma Malignant Mixed	TGLs = 5-23 ]	
	[ Lymphoma Malignant Mixed	TGLs = 7-25 ]	
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-22		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 322	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038200

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-6		
Thymus	Lymphoma Malignant Mixed	
Uterus	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 323

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 381

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85033772

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

**MISSING**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
	[ Hepatocellular Adenoma TGLS = 2-21 ]		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 6-7-2		
Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-6 ]		
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 7-7-1		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 324

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 632

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 7-23			
Lung	Mediastinum	Fibrosarcoma	
		Fibrosarcoma	
Note: FIBROSARC TGLs = 10-24 [ Fibrosarcoma TGLS = 8-2 ]			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-22			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
		Fibrosarcoma	
Skeletal Muscle			
Note: FIBROSARC TGLs = 11-25			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-21			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-6			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 12-4-1			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 324

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 632

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus

Fibrosarcoma

Note: FIBROSARC TGLs = 9-2

Uterus

Hyperplasia

Note: HYPERPLASIA TGLs = 3-7

Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 325	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 376
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85033773

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

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**MISSING**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Minimal
Ovary		Abscess	Marked
[ Abscess TGLS = 3-7-1,4-7-1 ]			
Pancreas	Acinar Cell	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-6 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 326

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 710

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	Multiple
	Kupffer Cell	Pigmentation	Moderate
Note: CYTOLOGC ALTER TGLs = 6-24			
Note: MIXED CL FOCUS TGLs = 5-23			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 4-22			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Skeletal Muscle		Rhabdomyosarcoma	
[ Rhabdomyosarcoma TGLS = 1-21 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-6			
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 3-7			
Note: HYPERPLASIA TGLs = 3-7			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 326

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 710

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038202

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 327	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 499
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038203

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-21 ]			
Liver	Biliar Tract	Cytologic Alterations	Mild
		Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7,1-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 328

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 551

**DOSE:** 40 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Cytologic Alterations	Minimal
	Kupffer Cell	Hematopoietic Cell Proliferation	Minimal
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]	Pigmentation	Mild
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
	[ Abscess TGLS = 1-7 ]		
Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 329	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 375
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85033781

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mediastinal	Inflammation	Suppurative, Moderate
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 330	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 661
	<b>DOSE:</b> 40 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038205

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Cytologic Alterations	Marked
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Moderate
[ Necrosis TGLS = 3-21 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 351

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 598

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea		

**MISSING**

Intestine Small - Duodenum	Thymus
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**OBSERVATIONS**

Harderian Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 8-9,8-9-1		
Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
[ Hydronephrosis TGLS = 4-5 ]			
Liver		Cytologic Alterations	Minimal
	Kupffer Cell	Pigmentation	Minimal
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Note: ADENOCARC	TGLs = 5-2		
Mesentery		Sarcoma	
Note: SARCOMA	TGLs = 7-22		
Ovary		Sarcoma	
Parathyroid Gland		Cyst	Minimal
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 9-4,9-4-1		
Tooth		Sarcoma	
Urinary Bladder		Sarcoma	
Uterus		Hyperplasia	Cystic, Mild
		Sarcoma	
[ Hyperplasia TGLS = 2-7-1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 351

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 598

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038256

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Sarcoma TGLS = 3-7,3-7-1 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 352

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 526

**DOSE:** 20 MG/KG

**DISP:** Natural Death

**HISTO:** A86038257

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Mild
Lung	Mediastinum	Inflammation	Suppurative, Moderate
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7+7-1,2-7+7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 353

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland  
Thyroid Gland

Adrenal Gland - Medulla  
Spleen

Lymph Node - Mandibular  
Stomach - Forestomach

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Liver

Biliar Tract

Cytologic Alterations

Moderate

Hyperplasia

Minimal

Inflammation

Subacute, Mild

Pigmentation

Mild

Kupffer Cell

Foreign Body

Minimal

Inflammation

Suppurative, Minimal

Uterus

Hyperplasia

Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7,1-7-1

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 354

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 531

**DOSE:** 20 MG/KG

**DISP:** Natural Death

**HISTO:** A86038259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Thymus

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Cytologic Alterations	Minimal
		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Minimal
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7+7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Minimal
[ Hyperplasia TGLS = 4-4-1 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Marked
[ Hyperplasia TGLS = 2-7+7-1 ]			
[ Inflammation TGLS = 2-7+7-1 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 355

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 472

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-24,9-4			
Kidney	Transit Epithe	Hydronephrosis	Mild
		Hyperplasia	Mild
Note: HYDRONEPHROSIS TGLs = 7-5			
Liver	Kupffer Cell	Lymphoma Malignant Mixed	
		Pigmentation	Minimal
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 10-25 ]			
[ Lymphoma Malignant Mixed TGLS = 8-23 ]			
[ Lymphoma Malignant Mixed TGLS = 11-26 ]			
[ Lymphoma Malignant Mixed TGLS = 5-22 ]			
Ovary		Cyst	Marked
[ Cyst TGLS = 2-7.1 ]			
Pancreas		Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 355	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 472
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038260

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen	Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Moderate
Note: HEMA CELL PROL TGLs = 6-6 Note: LYMPH MAL MIXD TGLs = 6-6		
Uterus	Hyperplasia Inflammation	Cystic, Moderate Suppurative, Moderate
[ Hyperplasia TGLS = 3-7.1 ] [ Inflammation TGLS = 3-7.1 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 356	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038261

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Minimal
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-1			
Spleen		Hemangiosarcoma	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 357

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 415

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85034375

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Lymph Node - Mandibular	Mammary Gland
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Mild
Liver		Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Mild
Lung	Mediastinum	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS [ Inflammation TGLS = 1-21 ]			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-6			
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 358

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038262

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Stomach

Adrenal Gland - Medulla  
Ovary  
Thyroid Gland

Lymph Node - Mandibular  
Pituitary Gland

Lymph Node - Mesenteric  
Spleen

**OBSERVATIONS**

Liver

Cytologic Alterations  
Hepatocellular Adenoma  
Hyperplasia  
Inflammation  
Pigmentation

Mild  
Minimal  
Subacute, Mild  
Mild

Biliar Tract

Kupffer Cell

[ Cytologic Alterations TGLS = 4-6 ]

Skeletal Muscle

Fibrosarcoma

Note: FIBROSARC TGLs = 5-22

Uterus

Hyperplasia

Note: HYPERPLASIA TGLs = 2-7

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 359

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 318

**DOSE:** 20 MG/KG

**DISP:** Natural Death

**HISTO:** A85033588

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum

**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	Mild
Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Lung	Mediastinum	Inflammation	Suppurative, Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 4-21 ]			
[ Hyperplasia TGLS = 5-22 ]			
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7,2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 360	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 11
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Dosing Accident	<b>HISTO:</b> A84032969

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

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**MISSING**

Intestine Small - Ileum	Pituitary Gland
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**OBSERVATIONS**

Lung	Mediastinum	Inflammation	Suppurative, Mild
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**PRIMARY CAUSE OF DEATH**

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Animal Note: PERFORATED ESOPHAGUS

Animal Note: MICROSCOPIC LESIONS IN THORAX ARE COMPATIBLE WITH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 361	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 583
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> A86038263

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Ovary		Abscess	Marked
[ Abscess TGLS = 2-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
Stomach	Forestomach	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Marked

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 362	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 428
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85034376

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Lymph Node - Mandibular

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**OBSERVATIONS**

Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Abscess	Moderate
[ Abscess TGLS = 2-7 ]			
Pancreas	Acinar Cell	Atrophy	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
[ Hyperplasia TGLS = 3-7 ]			
[ Inflammation TGLS = 3-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 363

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038264

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Stomach - Glandular

Thyroid Gland

**OBSERVATIONS**

Liver

Basophilic Focus

Cytologic Alterations

Mild

Biliar Tract

Hyperplasia

Minimal

Inflammation

Subacute, Minimal

Kupffer Cell

Pigmentation

Minimal

Mesenteric

Angiectasis

Moderate

Lymph Node

Note: ANGIECTASIS TGLs = 3-5

Nose

Foreign Body

Mild

Ovary

Hemorrhage

Marked

Note: HEMORRHAGE TGLs = 1-7-1

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 6-1

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 2-6

Stomach

Forestomach

Squamous Cell Papilloma

Note: PAPILOMA SQUA TGLs = 5-4-1

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 364

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 20 MG/KG

**DISP:** Natural Death

**HISTO:** A86038265

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Liver		Lymphoma Malignant Mixed Necrosis	Mild
Note: NECROSIS      TGLs = 8-6 [ Lymphoma Malignant Mixed TGLS = 7-6 ]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 11-22 ] [ Lymphoma Malignant Mixed TGLS = 12-23 ] [ Lymphoma Malignant Mixed TGLS = 10-2 ] [ Lymphoma Malignant Mixed TGLS = 4-21 ] [ Lymphoma Malignant Mixed TGLS = 6-5 ]			
Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
Pancreas		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 5-6 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 364

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 20 MG/KG

**DISP:** Natural Death

**HISTO:** A86038265

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 365	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038266

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pituitary Gland	Spleen
Stomach	Thyroid Gland		

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 366	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 333
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85033589

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Mediastinum	Inflammation	Suppurative, Mild
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 367

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 598

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney	Glomerulus	Inflammation	Moderate
[ Inflammation TGLS = 5-5 ]			
Liver	Kupffer Cell	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Ovary		Abscess	Marked
		Cyst	Mild
[ Abscess TGLS = 3-7-1 ]			
[ Cyst TGLS = 2-7 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 368	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038268

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland		

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 2-7		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 369	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038269

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pituitary Gland	Spleen	Stomach	Thyroid Gland

---

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7-1,2-7-1,3-7-1

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 370	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 499
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A86038270

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Liver		Cytologic Alterations	Minimal
	Kupffer Cell	Pigmentation	Minimal
Ovary		Abscess	Marked
[ Abscess TGLS = 4-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 5-6 ]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate
[ Inflammation TGLS = 3-7-1,3-2 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 371

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 444

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A85034377

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Gallbladder  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Pancreas  
Skin  
Thymus  
Uterus

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Thyroid Gland

**OBSERVATIONS**

Ovary

Teratoma Nos

[ Teratoma Nos TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 372

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038271

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
 Stomach - Forestomach

Adrenal Gland - Medulla  
 Stomach - Glandular

Lymph Node - Mandibular  
 Thyroid Gland

Lymph Node - Mesenteric

**OBSERVATIONS**

Liver		Cytologic Alterations	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
		Adenocarcinoma	
Mammary Gland			
Note: ADENOCARC	TGLs = 2-21		
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS	TGLs = 3-22		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 7-1		
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 6-6		
Uterus		Adenoma	
		Hyperplasia	Cystic, Mild
Note: ADENOMA	TGLs = 4-7		
Note: HYPERPLASIA	TGLs = 5-7		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 373	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mesenteric	Nose
Ovary	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Minimal
[ Cytologic Alterations TGLS = 5-21 ]			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hemangiosarcoma	
		Lymphoma Malignant Mixed	
Note: HEMANGIOSARC TGLs = 3-6			
Note: LYMPH MAL MIXD TGLs = 3-6			
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 374

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 647

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Cytologic Alterations	Minimal
		Inflammation	Subacute, Mild
		Lymphoma Malignant Histiocytic	
	Kupffer Cell	Pigmentation	Moderate
Lung	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant Histiocytic	
[ Lymphoma Malignant Histiocytic TGLS = 14-2 ]			
Lymph Node	Axillary	Lymphoma Malignant Histiocytic	
	Iliac	Lymphoma Malignant Histiocytic	
	Inguinal	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Pancreatic	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
[ Lymphoma Malignant Histiocytic TGLS = 3-21 ]			
[ Lymphoma Malignant Histiocytic TGLS = 8-22 ]			
[ Lymphoma Malignant Histiocytic TGLS = 11-23 ]			
[ Lymphoma Malignant Histiocytic TGLS = 12-24 ]			
[ Lymphoma Malignant Histiocytic TGLS = 10-5 ]			
[ Lymphoma Malignant Histiocytic TGLS = 1-8 ]			
[ Lymphoma Malignant Histiocytic TGLS = 2-8 ]			
Ovary		Hemorrhage	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 374

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 647

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038273

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: HEMORRHAGE TGLs = 6-7

Pancreas

Salivary Glands

Skin

Lymphoma Malignant Histiocytic

Lymphoma Malignant Histiocytic

Inflammation

Minimal

Note: INFLAMMATION TGLs = 16-26

Spleen

[ Lymphoma Malignant Histiocytic TGLS = 7-6 ]

Thymus

[ Lymphoma Malignant Histiocytic TGLS = 13-2 ]

Uterus

Lymphoma Malignant Histiocytic

Lymphoma Malignant Histiocytic

Hyperplasia

Cystic, Mild

[ Lymphoma Malignant Histiocytic TGLS = 5-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 375	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038274

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Spleen	Thyroid Gland

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Minimal
[ Cytologic Alterations TGLS = 4-21 ]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-4,5-4-1			
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 376	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038275

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pituitary Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Liver		Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 4-22			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-2-1			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 1-21			
Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
		Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 2-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 377

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 661

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038276

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Liver		Cytologic Alterations	Minimal
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
[ Infiltration Cellular TGLS = 4-2 ]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 378	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 365
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> A85033590

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric	

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**OBSERVATIONS**

Lung		Inflammation	Suppurative, Moderate
Mesentery		Inflammation	Suppurative, Marked
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
Stomach	Forestomach	Hyperplasia	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 379

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 687

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038277

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Harderian Gland [ Adenocarcinoma TGLS = 4-21 ]		Adenocarcinoma	
Liver		Vacuolization Cytoplasmic	Marked
Lung [ Adenocarcinoma TGLS = 1-2 ]		Adenocarcinoma Infiltration Cellular	Metastatic (Harderian Gland) Histiocyte, Mild
Pituitary Gland Note: ADENOMA TGLs = 2-1	Pars Intermed	Adenoma	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 380

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pancreas

Adrenal Gland - Medulla  
Spleen

Lymph Node - Mandibular  
Stomach - Glandular

Lymph Node - Mesenteric  
Thyroid Gland

**OBSERVATIONS**

Adrenal Gland  
Liver

Capsule, Spindle Cell

Hyperplasia  
Cytologic Alterations  
Inflammation

Mild  
Minimal  
Subacute, Minimal

Nose

Kupffer Cell

Pigmentation  
Foreign Body  
Inflammation

Minimal  
Mild  
Suppurative, Mild

Ovary

Cyst

Mild

Note: CYST TGLs = 1-7,2-7-1

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 8-1

Stomach

Forestomach

Hyperplasia

Minimal

Note: HYPERPLASIA TGLs = 7-4-1

Uterus

Hyperplasia  
Leiomyoma

Cystic, Mild

Note: LEIOMYOMA TGLs = 3-7-1

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 381

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038279

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Stomach - Glandular

Adrenal Gland - Medulla  
Pituitary Gland  
Thyroid Gland

Lymph Node - Mandibular  
Spleen

Lymph Node - Mesenteric  
Stomach - Forestomach

**OBSERVATIONS**

Liver  
  
Kupffer Cell  
  
Uterus  
Note: HYPERPLASIA TGLs = 1-7

Cytologic Alterations  
Inflammation  
Pigmentation  
Hyperplasia

Minimal  
Subacute, Minimal  
Mild  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 382

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Lymph Node - Mandibular

Lymph Node - Mesenteric

Nose

Ovary

Pituitary Gland

Spleen

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

**OBSERVATIONS**

Adrenal GI

Note: DEVELOPMENTAL MALFORMATION PRESENT.

Liver

Cytologic Alterations

Mild

Hepatocellular Adenoma

Multiple

Biliar Tract

Hyperplasia

Minimal

Inflammation

Subacute, Minimal

Kupffer Cell

Pigmentation

Minimal

[ Cytologic Alterations TGLS = 2-6,2-21 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 383	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038281

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Minimal
[ Pigmentation TGLs = 4-22 ]			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-21			
Ovary		Cyst	Moderate
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 384	<b>TRT#:</b> 16 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> A86038282
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Spleen	Stomach
Thyroid Gland			

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	Multiple
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN	TGLs = 4-22,3-24		
Note: MIXED CL FOCUS	TGLs = 5-23		
Mesentery		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-21		
Pancreas	Acinar Cell	Atrophy	Marked
Note: ATROPHY	TGLs = 1-7		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 385	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038283

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Stomach - Glandular	Thyroid Gland

---

**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Mild
[ Cytologic Alterations TGLs = 4-22 ]			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-21			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-6			
Stomach	Forestomach	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 386

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Pituitary Gland

Adrenal Gland - Medulla  
Spleen

Lymph Node - Mandibular  
Stomach

Lymph Node - Mesenteric  
Thyroid Gland

**OBSERVATIONS**

Liver

Cytologic Alterations

Mild

Inflammation

Subacute, Minimal

Kupffer Cell

Pigmentation

Minimal

Nose

Foreign Body

Mild

Inflammation

Suppurative, Mild

Ovary

Luteoma

Note: LUTEOMA TGLs = 2-7

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 387	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038285

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland

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**OBSERVATIONS**

Liver		Cytologic Alterations	Moderate
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Moderate
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Atrophy	Marked
	Duct	Dilatation	Marked
Note: DILATATION	TGLs = 1-7		
Note: ATROPHY	TGLs = 1-7		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 388

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Stomach - Glandular

Adrenal Gland - Medulla  
Thyroid Gland

Nose

Stomach - Forestomach

**OBSERVATIONS**

Liver

Biliar Tract

Cytologic Alterations

Moderate

Hyperplasia

Minimal

Inflammation

Subacute, Mild

Kupffer Cell

Pigmentation

Mild

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 5-2-1

Lymph Node

Mandibular

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-5

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 3-6

Uterus

Fibrous Histiocytoma

Hyperplasia

Cystic, Moderate

Note: FIB HISTIOCYT TGLs = 2-7

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 389

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 583

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Liver		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Minimal
		Sarcoma	
Note: SUBACUTE INFLAMMATION IS ON SLIDE 21			
Note: SARCOMA TGLs = 3-6			
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Iliac	Sarcoma	
[ Lymphoma Malignant Mixed TGLS = 5-22 ]			
[ Lymphoma Malignant Mixed TGLS = 4-5 ]			
Mesentery		Sarcoma	
Note: SARCOMA TGLs = 6-23			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
Uterus		Sarcoma	
[ Sarcoma TGLS = 1-7+7-1+7-2+7-3 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 390

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 549

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Gallbladder

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Marked
Kidney	Glomerulus	Inflammation	Moderate
[ Inflammation TGLS = 8-5,9-5 ]			
Liver	Kupffer Cell	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Ovary		Abscess	Marked
[ Abscess TGLS = 5-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 7-6 ]			
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[ Hyperplasia TGLS = 6-7+7-1 ]			
[ Inflammation TGLS = 6-7,6-7-1 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 391	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038289

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

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**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Mild
	Fat	Necrosis	Mild
Mesentery			
Note: NECROSIS	TGLs = 3-23		
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 9-1		
Urinary Bladder		Hemangioma	
Note: HEMANGIOMA	TGLs = 8-25		
Uterus		Sarcoma Stromal	
Note: SARC STROMAL	TGLs = 4-7		

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 392

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 564

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver	Kupffer Cell	Pigmentation	Minimal
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 393

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Nose  
Thyroid Gland

Adrenal Gland - Medulla  
Pituitary Gland

Lymph Node - Mandibular  
Stomach - Forestomach

Lymph Node - Mesenteric  
Stomach - Glandular

**OBSERVATIONS**

Liver  
  
  
  
  
Mesentery  
Note: NECROSIS TGLs = 1-21  
Ovary  
  
Note: ABSCESS TGLs = 2-7  
Note: CYST TGLs = 3-7  
Spleen  
Note: HEMA CELL PROL TGLs = 4-6

Biliar Tract  
  
Kupffer Cell  
Fat

Cytologic Alterations  
Hyperplasia  
Inflammation  
Pigmentation  
Necrosis

Abscess  
Cyst

Hematopoietic Cell Proliferation

Mild  
Minimal  
Subacute, Minimal  
Mild  
Mild  
  
Marked  
Mild  
  
Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 394	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 434
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85034378

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Adrenal Gland - Medulla

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Cytologic Alterations	Minimal
Mesentery		Inflammation	Suppurative, Mild
Note: INFLAMMATION ALSO INVOLVES SEROSA OF ABDOMINAL ORGANS			
Ovary		Abscess	Marked
[ Abscess TGLS = 2-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 395

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 549

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038293

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Islets, Pancreatic		Lymphoma Malignant Lymphocytic	
Liver		Cytologic Alterations	Minimal
		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild
Note: NECROSIS	TGLs = 10-27		
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 8-25 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 2-21 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 5-23 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 6-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 7-24 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 395

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 549

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038293

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant Lymphocytic TGLS = 1-8 ]

Pancreas			Lymphoma Malignant Lymphocytic	
Skin		Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-22			
Spleen			Hemangiosarcoma	
			Hematopoietic Cell Proliferation	Mild
			Lymphoma Malignant Lymphocytic	
Note: HEMANGIOSARC	TGLs = 11-6			
Note: LYMPH MAL LYMP	TGLs = 11-6			
Thymus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 9-26			
Uterus			Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 396

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** 20 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** A86038294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal GI			
Note: PRESENT IN ONE CORTEX			
Note: THERE IS A POSSIBLE MALFORMATION OR SECTION ARTIFACT			
Clitoral Gland	Duct	Cyst	Marked
[ Cyst TGLS = 1-21 ]			
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Minimal
		Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
Note: CARCINOMA ARISING FROM ADENOMA			
[ Hepatocellular Carcinoma TGLS = 5-23 ]			
Ovary		Hemorrhage	Marked
[ Hemorrhage TGLS = 3-22 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 397	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 438
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> A85034379

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hypercellularity	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[ Hematopoietic Cell Proliferation TGLS = 5-22 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Ovary		Abscess	Marked
[ Abscess TGLS = 3-7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 398

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 20 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** A86038295

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
 Stomach - Glandular

Adrenal Gland - Medulla

Lymph Node - Mandibular

Pituitary Gland

**OBSERVATIONS**

Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Lymphoma Malignant Mixed	
	Mesenteric	Pigmentation	Mild
Lymph Node		Lymphoma Malignant Mixed	
Nose		Foreign Body	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-6		
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 4-4-1		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-2		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 399	<b>TRT#:</b> 16	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 20 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A86038296

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland

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**OBSERVATIONS**

Ear		Fibrosarcoma	
Note: FIBROSARC	TGLs = 4-21		
Liver		Cytologic Alterations	Mild
	Biliar Tract	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Kupffer Cell	Pigmentation	Minimal
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Ovary		Cyst	Marked
Note: CYST	TGLs = 1-7		
Pituitary Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-1		
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05037-04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pentachloroanisole  
**CAS Number:** 1825-21-4

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 07:39:10  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 400	<b>TRT#:</b> 16 <b>DOSE:</b> 20 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> A86038297
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland		

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**OBSERVATIONS**

Liver		Cytologic Alterations Hepatocellular Carcinoma Inflammation Pigmentation	Moderate  Subacute, Mild Mild
[ Cytologic Alterations TGLS = 4-6 ] [ Pigmentation TGLS = 5-22 ]	Kupffer Cell		
Mesentery Note: NECROSIS TGLs = 1-21	Fat	Necrosis	Mild
Uterus Note: HYPERPLASIA TGLs = 2-7		Hyperplasia	Cystic, Marked

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PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***